CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
3550 N. Central Ave, 2nd floor
Phoenix, AZ, 85012
602-771-1601
http://www.azgs.az.gov
inquiries@azgs.az.gov

The following file is part of the Anderson Mine Collection

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

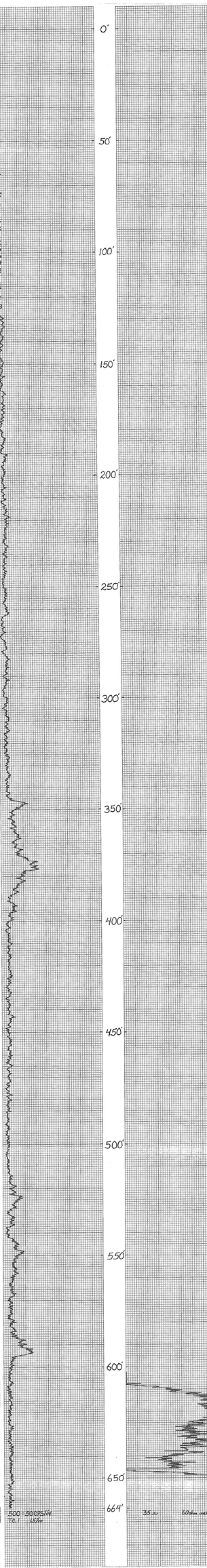
The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM-501

LOCATION	ANDERSON MINE	GAMMA SCALE	500 = 50CPS/IN
COUNTY	Yavapai STATE ARIZ.	PROBE TYPE	Scint.
GP. ~~1200,621.0N 635,857.1E~~ ELEV. 1996		K-FACTOR	5.7 μ-S
~~1203-3103~~		DEAD TIME	7.14 μ sec.
SEC. 12033121.76N 7A 75-37E	TWP. RGE.	TIME CONSTANT	1
DATE	4/6/77	PROBE DIA.	1 3/8"
DEPTH DRILLED	660'	CALIPER	
DEPTH LOGGED	664'	DIRECTIONAL SURVEY	
FOOTAGE LOGGED	664'	TEMPERATURE	
HOLE DIAMETER	5 3/8" to 660	OPERATOR	Hudson
WATER FACTOR		DRILLER	Frank
RESISTIVITY	35 OHMS/~~DIGIT~~ 60 ohm meters	CONTRACTOR	Roberts
SELF POTENTIAL	M.V./IN.	LAST A.E.C. PIT RUN	
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	FLUID LEVEL	
BOTTOM		REMARKS:	
TOP			
TOTAL FEET			
SCALE RUN			



MINERALS EXPLORATION CO.

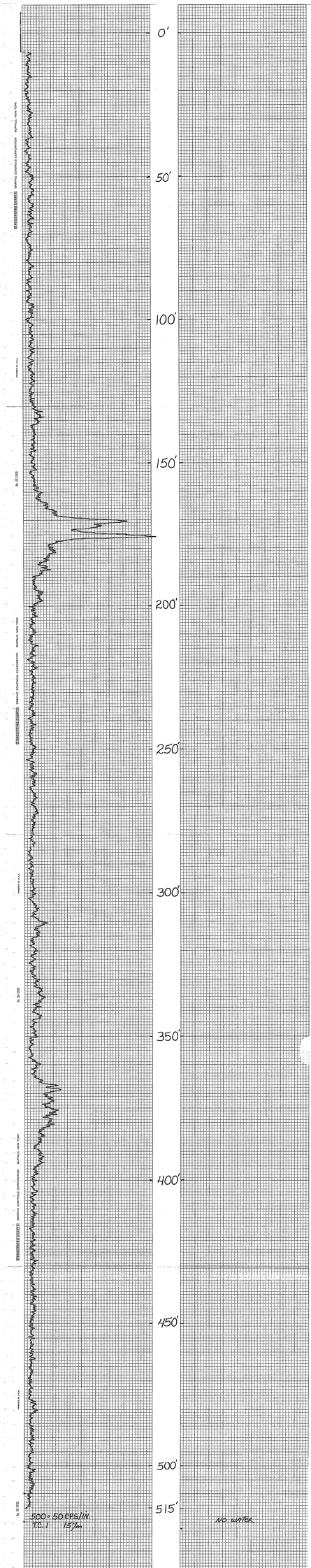
CASPER, WYOMING

HOLE NO. AM-502

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50CPS/in
COUNTY	Yavapai STATE Ariz.	PROBE TYPE	Scint.
GP. 1,799,893.5N-635,470.0E ELEV. 1790		K-FACTOR	5.7 10-5
1302401.82N		DEAD TIME	7.14 usec.
SEC. 81 TSP. 9E TWP. RGE.		TIME CONSTANT	1
DATE	3/30/77	PROBE DIA.	1 3/8"
DEPTH DRILLED	515'	CALIPER	
DEPTH LOGGED	515'	DIRECTIONAL SURVEY	
FOOTAGE LOGGED	515	TEMPERATURE	
HOLE DIAMETER	5" To 515'	OPERATOR	Hudson
WATER FACTOR		DRILLER	FRED
RESISTIVITY	OHMS/INCH	CONTRACTOR	Roberts
SELF POTENTIAL	M.V./IN.	LAST A.E.C. PIT RUN	
		FLUID LEVEL	NONE

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

REMARKS:

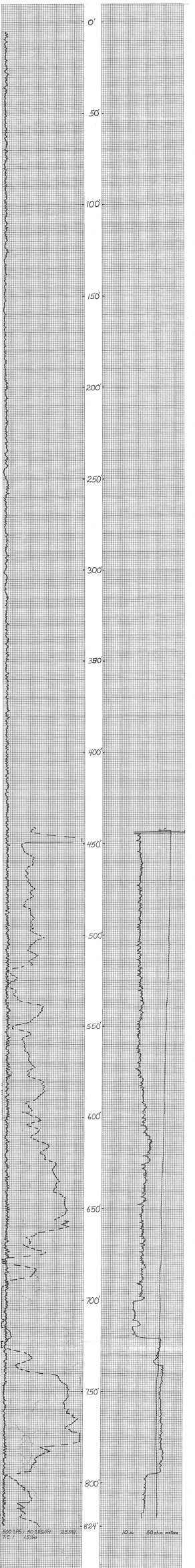


MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE	HOLE NO.	AMD-503
COUNTY	Yavapai STATE Ariz.	GAMMA SCALE	500 : 500 CPS/IN
GP.	~~1200 230 N 634 1798~~ ELEV. 1893	PROBE TYPE	Scint.
SEC.	1202 736 SEC. 80 769 OBSTRP. RGE.	K.FACTOR	5.7 10^-5
DATE	3/29/79	DEAD TIME	7.14 μ sec.
DEPTH DRILLED	815'	TIME CONSTANT	1
DEPTH LOGGED	824'	PROBE DIA.	1 5/8"
FOOTAGE LOGGED	824'	CALIPER	
HOLE DIAMETER	5 5/8" to 824'	DIRECTIONAL SURVEY	
WATER FACTOR		TEMPERATURE	
RESISTIVITY	10 OHMS/INCH 50 ohm meters	OPERATOR	Hudson
SELF POTENTIAL	25 M.V./IN.	DRILLER	Arenin
		CONTRACTOR	Roberts
		LAST A.E.C. PIT RUN	
		FLUID LEVEL	
		REMARKS:	

RESULTS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			



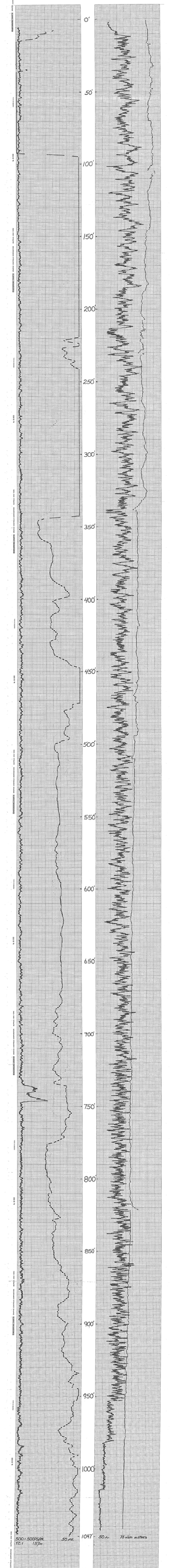
MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSON MINE
COUNTY	LINCOLN STATE WYO
GP.	~~1,190,754.00 - 686,580.76~~ ELEV. 1852
	1,207,465.43 N
SEC.	21 & 22 T.24 N. R.R.
DATE	3/30/79
DEPTH DRILLED	1040'
DEPTH LOGGED	1047'
HOLE DIAMETER	5¾" to 180' 6¾" to 160' 5¾" to 165' 5¾" to 1047'
WATER FACTOR	
RESISTIVITY	50 OHMS/MM 75 ohm meters
SELF POTENTIAL	50 m.v.

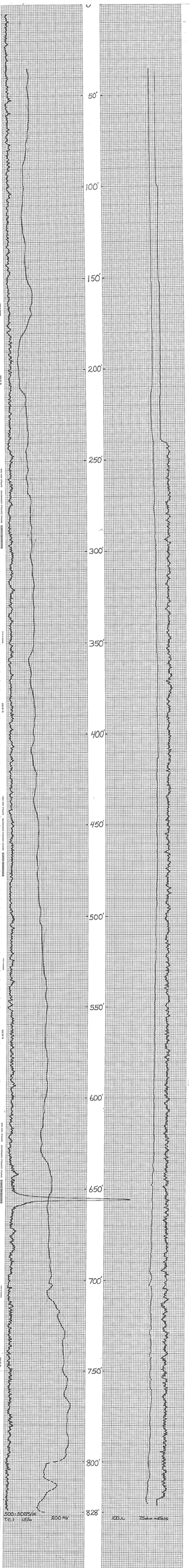
SENSOR	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

HOLE NO.	AM-504
GAMMA SCALE	500-1500 PSI
PROBE TYPE	Sand
K-FACTOR	2.3 x 10⁻⁴
DEAD TIME	7.15 m sec.
TIME CONSTANT	1
PROBE DIA.	1¾"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	Anderson
DRILLER	Hoover
CONTRACTOR	Roberts
LAST A.E.C. FIT RUN	
FLUID LEVEL	
REMARKS	



MINERALS EXPLORATION CO.

CASPER, WYOMING		HOLE NO.	AM-505
LOCATION	ANDERSON MINE	GAMMA SCALE	500 = 50CPS/IN
COUNTY	Yavapai STATE ARIZ.	PROBE TYPE	Seint
		K-FACTOR	5.7 x 10^-3
GP.	1238,416.0N 636,388.0E ELEV. 1906	DEAD TIME	7.14 m sec.
	1200 907.5W	TIME CONSTANT	1
SEC.	82 645.15 CHAP. RGE.	PROBE DIA.	1¾"
DATE	3/31/77	CALIPER	
DEPTH DRILLED	828'	DIRECTIONAL SURVEY	
DEPTH LOGGED	828'	TEMPERATURE	
FOOTAGE LOGGED		OPERATOR	Hudson
HOLE DIAMETER	5¾" to 400' 5¾" to 800'	DRILLER	Pearce
WATER FACTOR		CONTRACTOR	Roberts
RESISTIVITY	100 OHMS/MMHO 75 ohm meters	LAST A.E.C. PIT RUN	
SELF POTENTIAL	50 M.V./IN.	FLUID LEVEL	
BEGINS	1ST. RUN 2ND. RUN 3RD. RUN	REMARKS:	
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			



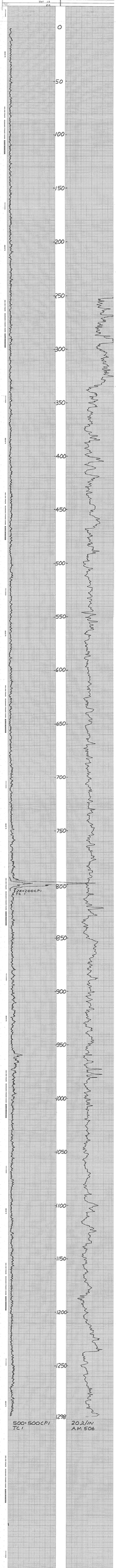
MINERALS EXPLORATION CO. CASPER, WYOMI

AREA	ANDERSON MINE		
GRID POINT		ELEVATION	
COUNTY	WASHAKIE	STATE	A.Z.
ESC.	TWP.	RGE.	

HOLE NO. AM 506

GAMMA—GAMMA-GEOMETRY

BOREHOLE DATA			LOG DATA		
DATE	8-17-78		TOTAL DEPTH LOGGED	1298	FT
DRILLER	JIM/HARRIS		TOTAL DEPTH DRILLED	1316	FT
DRILLED DEPTH	1316	FT	DATE TAKEN	8-18-78	FT. MIN.
BIT SIZE	5.25	IN	DATE TAKEN	8-18-78	TIME 1
CASING DEPTH	1.25	FT	DEPTH TAKEN	1.25	FT
CORE			DECEMBER 1978		
			DECEMBER 1978		
			DECEMBER 1978		
DRAWING	A-1 GAMMA	8-18-78	FILE NO.		
	AV-1 GAMMA	8-18-78	DRAWN BY	J. KLASSEN	
		7-18-78			
		7-18-78			

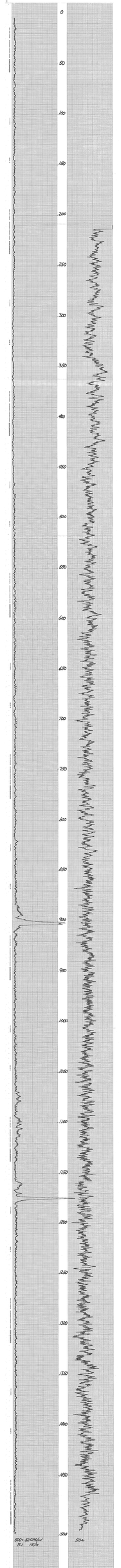


MINERALS EXPLORATION CO.

CASING SPECIMENS

LOCATION	BOREHOLE TRACE		
COUNTY	TUOLUMNE	STATE	CALIFORNIA
NO.	[illegible]	ELEV.	[illegible]
DATE	10/14/80		
TOTAL DEPTH	1508		
DATE STARTED	10/14/80		
DATE FINISHED	10/14/80		
DRILLING CONTRACTOR	[illegible]		
DRILLER NAME	[illegible]		
INCLINATION	90	AZIMUTH	
SIZE OF CASING			
DEPTH	1.5	2.5	4.5
TOTAL			
TOTAL FEET			

HOLE NO.	DH 1507
PROJECT NO.	[illegible]
PROJECT TYPE	[illegible]
ELEVATION	[illegible]
TOTAL DEPTH	1508
PROJECT MGR.	[illegible]
DRILL NO.	1
DRILL TYPE	[illegible]
DIRECTIONAL SURVEY	
INCLINATION	[illegible]
AZIMUTH	[illegible]
DRILLING CONTRACTOR	[illegible]
DATE STARTED	10/14/80
DATE FINISHED	10/14/80
CASING LENGTH	
COMMENTS	



Century Geophysical Corporation
Denver, Colo.

C-366-E SP 11748B

HOLE NO. AM 508	T.D. DRILLED 1200'	SEC. 16 TWP. 11N RANGE 10W	BIT SIZE 5.1 In. CASING —
DATE 3-21-78	AREA ANDERSON MINE	BORE HOLE FLUID H_2O + MUD	
COMPANY MINERALS EXPLORATION	COUNTY YAVAPAI	DENSITY	VISCOSITY
BORE HOLE AM 508	STATE ARIZONA	RESISTIVITY	
AREA ANDERSON MINE	COMPANY MINERALS EXPLOR.	OPERATOR M. DODGE	
COUNTY YAVAPAI	STATE ARIZONA	DATE 3-21-78	UNIT NO. 7750
SECTION 16 TOWNSHIP 11N RANGE 10W	LOG MEASURED FROM GROUND LEVEL	TOTAL FOOTAGE LOGGED 1205'	LOCATION WICKENBERG, AZ

INITIAL RUN		GAMMA RERUNS (Initial run offscale)			DRIVE 0.5 Hrs.	TIME IN 1400
T.D. LOGGED 1205'		SCALE = Cps. Per In	SCALE = Cps. Per In.	SCALE = Cps. Per In.	STAND BY — Hrs.	TIME OUT 1530
GAMMA SCALE = 500 Cps. Per In.		T.C. Sec. LOGGING SPEED Ft./Min.	T.C. Sec. LOGGING SPEED Ft./Min.	T.C. Sec. LOGGING SPEED Ft./Min.	LOGGING 1.5 Hrs.	
TIME CONSTANT	LOGGING SPEED 60 Ft./Min.	FROM Ft.	FROM Ft.	FROM Ft.	TOTAL 2.0 Hrs.	
CALIBRATION & PROBE DATA		TO Ft.	TO Ft.	TO Ft.	ROUNDTRIP MILEAGE Miles	
SOURCE NO.	SOURCE VALUE	TOTAL	TOTAL	TOTAL	CHARGEABLE STANDBY Hrs.	

PROBE NO. 9055-23	PROBE SIZE 1 7/8 In.
DETECTOR NaI Scint.	TYPE & SIZE Xtal 7/8" x 4"
DEAD TIME 1.075 μsec.	K FACTOR 5.58×10^{-6}
WATER FACTOR 1.135	AIR FACTOR 1.00
RES. SCALE 10 ohms per 1 inches	
S.P. 20 Mv/In.	

TRACK USED: #1
PROBE K-FACTOR FROM E.R.D.A. PITS 3-10-78: 5.695×10
RIG: HARRIS (JIMMY)

SELF POTENTIAL — MV +
NATURAL GAMMA RAY COUNTS PER SECOND

DENSITY
RESISTANCE OHMS

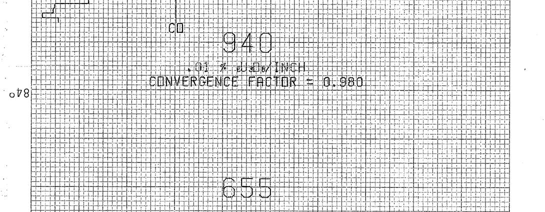
AM 508

MIKE DODGE

ORE GRADE CALCULATION

DEPTH SCALE = 5 FEET/INCH

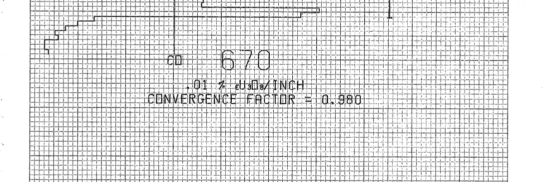
925



940

.01 % eU_3O_8/INCH
CONVERGENCE FACTOR = 0.980

655



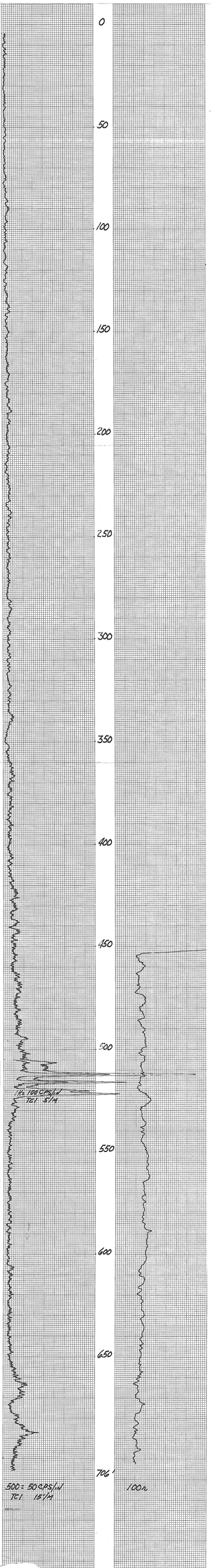
670

.01 % eU_3O_8/INCH
CONVERGENCE FACTOR = 0.980

MINERALS EXPLORATION CO.

CASPER, WYOMING		HOLE NO.	AM 509
LOCATION	ANDERSON MINE	GAMMA SCALE	500=50CPS/IN
COUNTY	YAVAPAI	STATE	ARIZONA
GP.	1401002.5N 1405 [illegible]	ELEV.	1963
SEC.	83 105.58E	TWP.	BGE.
DATE	4-19-77		
DEPTH DRILLED	720		
DEPTH LOGGED	706		
FOOTAGE LOGGED	720		
HOLE DIAMETER	5 5/8		
WATER FACTOR	1.22		
RESISTIVITY	100	OHMS/INCH	
SELF POTENTIAL	-	M.V./IN.	
RESUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	519		
TOP	505		
TOTAL FEET	14		
SCALE RUN	1K=100CPS/IN		

GAMMA SCALE	500=50CPS/IN
PROBE TYPE	SOINT
K.FACTOR	5.70x10-5
DEAD TIME	7.14u
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KEYPERLING
DRILLER	JIM
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



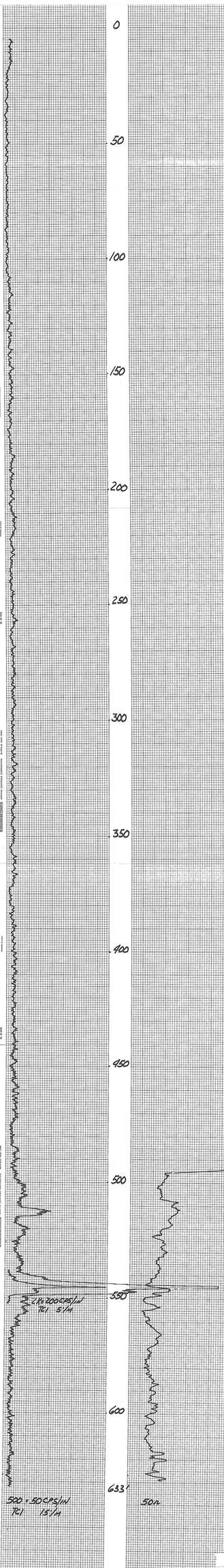
MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSEN MINE	HOLE NO.	AM 510
COUNTY	YAVAPAI	STATE	ARIZONA
GP.	~~1200.776.7N~~ ~~836,818.25~~	ELEV.	1991
SEC.	1203 262.95N 83 116.55	TWP.	RGE.
DATE	4-17-77		
DEPTH DRILLED	720		
DEPTH LOGGED	633		
FOOTAGE LOGGED	643		
HOLE DIAMETER	5 5/8		
WATER FACTOR	1.22		
RESISTIVITY	50	OHMS/INCH	
SELF POTENTIAL	-	M.V./IN.	

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	552		
TOP	537		
TOTAL FEET	15		
SCALE RUN	2 Kx 200 CPS/IN		

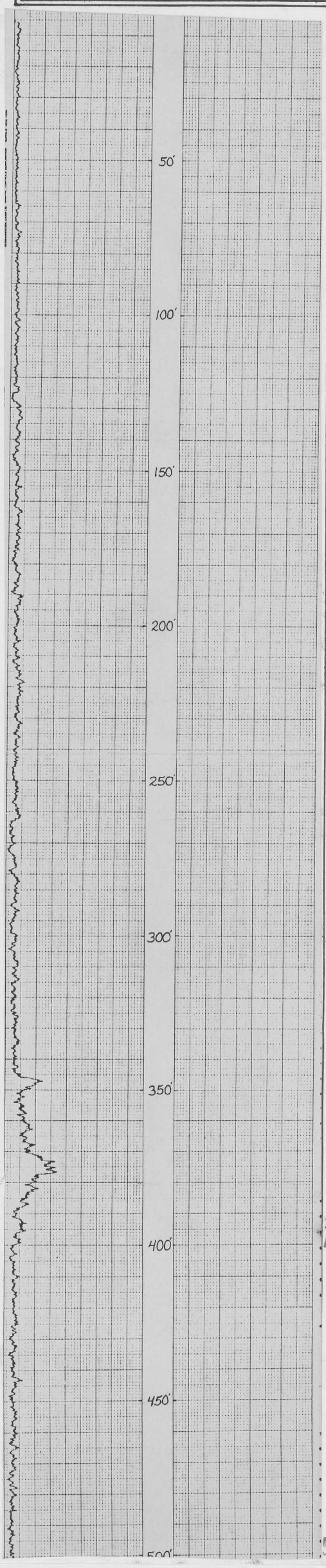
GAMMA SCALE	500 = 50 CPS/I
PROBE TYPE	SOINT
K-FACTOR	5.70 x 10-5
DEAD TIME	7.14 m
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KETTERLING
DRILLER	JIM
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	



PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** Am 501

ELEVATION 1996 **NORTH** 1,200,621.0 **EAST** 635,857.1 **LOGGED BY** CZH **DATE** 4-2-77

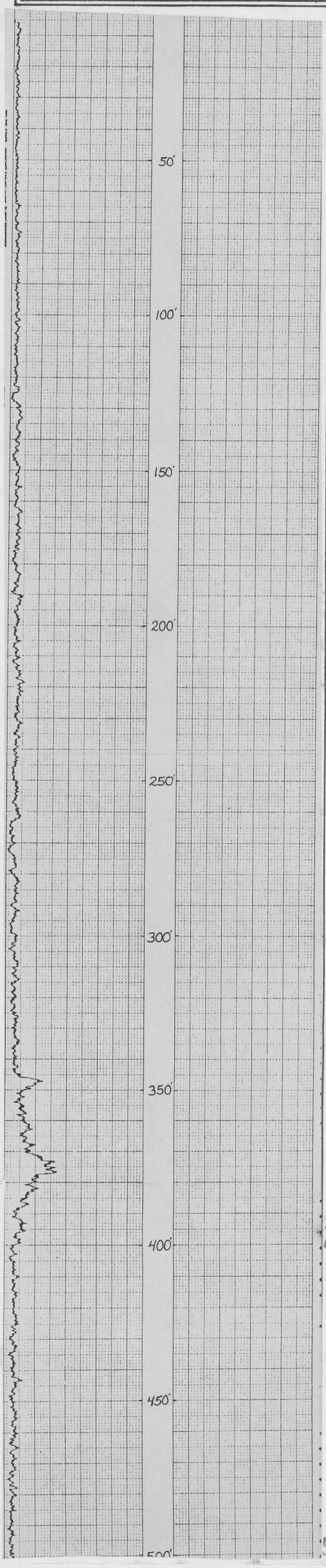
SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 665 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					Basalt DK Gry to Blk
	40					
	60					Cgl, Red Brn Bake Zone
	80					Cgl Lt Tan, Granitic
	100					
	20					
	40					Siltst, Sndy, Tan to Brn
	60					
	80					Siltst, Lt Grn w/ Wht Calc Tuff orls
	200					
	20					
	40					
	60					Siltst, Grn, Bentonitic
	80					
	300					
	20					
	40					
	60					
	80					Siltst Grn + Intbdd Wht Calc Tuff orls w/ Red Brn Chert
	400					
	20					
	40					Siltst, Grn, w/ Intbdd Tan, Med, SS, Grn
	60					
	80					SS, Tan + Intbdd Grn Siltst Med, Poor, Sub-Ang
	500					

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** Am 501

ELEVATION 1996 **NORTH** 1,200,621.0 **EAST** 635,857.1 **LOGGED BY** CZH **DATE** 4-2-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 665 **P.D.** _____

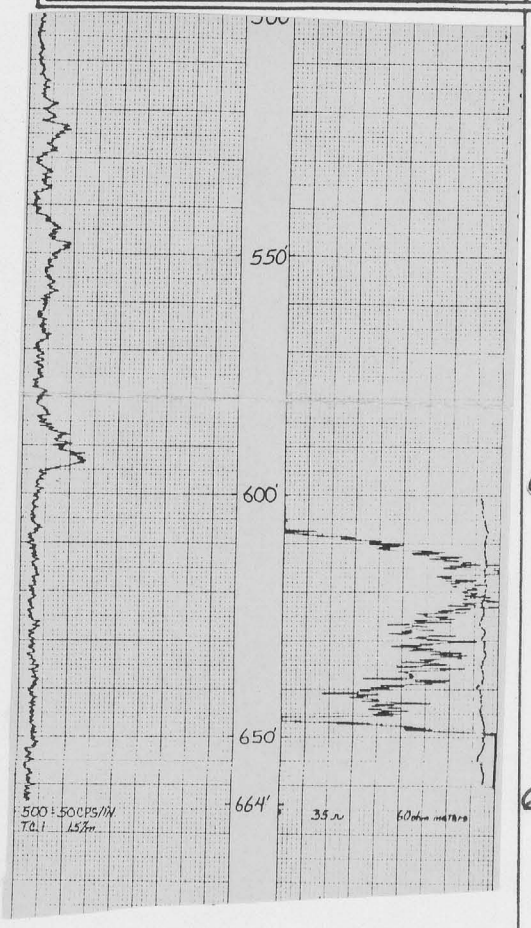
GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	20					Basalt DK Gry to Blk
	40					
	60					Cgl, Red Brn Bake Zone
	80					Cgl Lt Tan, Granitic
	100					
	20					
	40					Siltst, Sndy, Tan to Brn
	60					
	80					Siltst, Lt Grn w/ Wht Calc Tuff orls
	200					
	20					
	40					
	60					Siltst, Grn, Bentonitic
	80					
	300					
	20					
	40					
	60					
	80					Siltst Grn + Intbdd Wht Calc Tuff orls w/ Red Brn Chert
	400					
	20					
	40					Siltst, Grn, w/ Intbdd Tan, Med, SS, Grn
	60					
	80					SS, Tan + Intbdd Grn Siltst Med, Poor, Sub-Ang
	500					

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM501

ELEVATION 1996 **NORTH** 1,200,621.0 **EAST** 635,857.1 **LOGGED BY** C.H. **DATE** 4-2-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 665 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



20 40 60 80 600 20 40 60 665 80 00 20 40 60 80 00 20 40 60 80 00 20 40 60 80 00 20 40 60 80 00

SS, Tan + Intbdd Grn Sltst
Med, Poor, Sub-Ang

Intbdd Grn + Red Sltst

Sltst Red
Sltst Grn
Sltst, Red Brn
Intbdd Red + Grn Sltst Weathered Red Brn Volcanic Frags
Andesitic Volcanic, Gry Brn

MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM-501

LOCATION	ANDERSON MINE		
COUNTY	Yavapai	STATE	Ariz.
GP. 1200,621.0N-635857.1E ELEV. 1996			
SEC.	TWP.	RGE.	
DATE	4/2/77		
DEPTH DRILLED	660'		
DEPTH LOGGED	664'		
FOOTAGE LOGGED	664'		
HOLE DIAMETER	5⅝" to 660		
WATER FACTOR			
RESISTIVITY	35 OHMS/IMBM 60 ohm meters		
SELF POTENTIAL	M.V./IN.		
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			

GAMMA SCALE	500 = 50 CPS/IN.
PROBE TYPE	SCINT.
K-FACTOR	5.7×10^{-8}
DEAD TIME	7.14 μ sec.
TIME CONSTANT	1
PROBE DIA.	1⅝"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	Hudson
DRILLER	FRANK
CONTRACTOR	Roberts
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS.	

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM502

ELEVATION 1790 **NORTH** 1,199,893.5 **EAST** 635,470.0 **LOGGED BY** CZH **DATE** 3-30-77

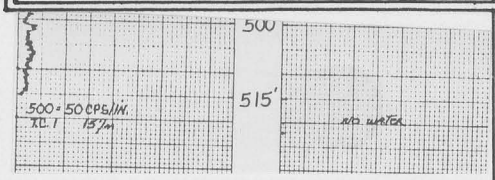
SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 520 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						Cgl, Qal, Crs, Granitic + Volcanic Pebs
	20					
						Siltst, Grn
	40					
50'						
	60					
						Siltst, Yel Tan
	80					
						Siltst, Tan, Calcareous
100'	100					
						Siltst, Grn, Sndy, Fine, Well Sorted
	20					
						Siltst/Mdst, Grn
	40					
150'						
						Siltst, Tan Grn, Sndy
	60					
						Siltst, Yel Tan
						Siltst, Grn
						Siltst, Yel Tan, Limonite Stain
	80					
						Siltst, Grn
200'	200					
						Siltst, Tan to Brn
	20					
						Siltst, Tan Grn
	40					
250'						
						Intbdd Siltst (Tan Grn) + Thin Intbdd Bentonite SS Tan Granitic Sub Ang to Sub Rnd, ~~Grn~~ Sorting Poor
	60					
						SS, As Above
	80					
						Siltst, Grn, Sndy
300'						SS, Tan, Sub Ang, Poor, Med to Crs Lim + Hem Stain
	300					
						Siltst Brn to Grn SS Contamination From Above?
	20					
						Siltst, Tan
	40					
350'						
						Siltst, Gry, Sndy Contamination
	60					
	80					
						Siltst, Grn, w/ Wht Bentonite, intbdd
400'	400					
						Siltst, Brn
	20					
						Siltst, Grn Tan to Grn, SS Intbdd?
	40					
450'						
						Siltst Red Brn w/ Red Brn Andesitic Volcanic Frags
	60					
						Siltst Tan to Grn + Intbdd SS or Contamination
	80					
						SS, Granitic, Fine to Crs, Sub Ang
	00					

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 502

ELEVATION 1790 **NORTH** 1,199,893.5 **EAST** 635,470.0 **LOGGED BY** CZH **DATE** 3-30-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 520 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						SS, Granitic, Fine to Crs, Sub Ang
						Andesitic Volcanics Gry Brn to Purple Brn

MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM-502

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50CPS/IN.
COUNTY	Yavapai STATE Ariz.	PROBE TYPE	Scint.
GP. 1,199,893.5N-635,470.0E ELEV. 1790		K-FACTOR	5.7×10^{-8}
SEC.	TWP. RGE.	DEAD TIME	7.14 μsec
		TIME CONSTANT	1
		PROBE DIA.	1¾"
DATE	3/30/77	CALIPER	
DEPTH DRILLED	515'	DIRECTIONAL SURVEY	
DEPTH LOGGED	515'	TEMPERATURE	
FOOTAGE LOGGED	515	OPERATOR	Hudson
HOLE DIAMETER	5" To 515'	DRILLER	FRED
WATER FACTOR		CONTRACTOR	Roberts
RESISTIVITY	OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	M.V./IN.	FLUID LEVEL	NONE

RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	REMARKS:
BOTTOM				
TOP				
TOTAL FEET				
SCALE RUN				

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM502

ELEVATION 1790 **NORTH** 1,199,893.5 **EAST** 635,470.0 **LOGGED BY** CZH **DATE** 3-30-77

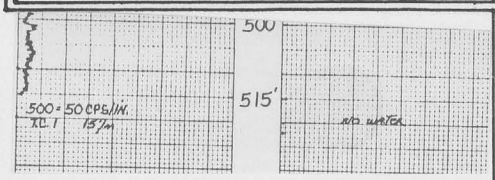
SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 520 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						Cgl, Qal, Crs, Granitic + Volcanic Pebs
	20					
						Siltst, Grn
	40					
50'						
	60					
						Siltst, Yel Tan
	80					
						Siltst, Tan, Calcareous
100'	100					
						Siltst, Grn, Sndy, Fine, Well Sorted
	20					
						Siltst/Mdst, Grn
	40					
150'						
						Siltst, Tan Grn, Sndy
	60					
						Siltst, Yel Tan
						Siltst, Grn
						Siltst, Yel Tan, Limonite Stain
	80					
						Siltst, Grn
200'	200					
						Siltst, Tan to Brn
	20					
						Siltst, Tan Grn
	40					
250'						
						Intbdd Siltst (Tan Grn) + Thin Intbdd Bentonite SS Tan Granitic Sub Ang to Sub Rnd, ~~Grn~~ Sorting Poor
	60					
						SS, As Above
	80					
						Siltst, Grn, Sndy
300'						SS, Tan, Sub Ang, Poor, Med to Crs Lim + Hem Stain
	300					
						Siltst Brn to Grn SS Contamination From Above?
	20					
						Siltst, Tan
	40					
350'						
						Siltst, Gry, Sndy Contamination
	60					
	80					
						Siltst, Grn, w/ Wht Bentonite, intbdd
400'	400					
						Siltst, Brn
	20					
						Siltst, Grn Tan to Grn, SS Intbdd?
	40					
450'						
						Siltst Red Brn w/ Red Brn Andesitic Volcanic Frags
	60					
						Siltst Tan to Grn + Intbdd SS or Contamination
	80					
						SS, Granitic, Fine to Crs, Sub Ang
	00					

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 502

ELEVATION 1790 **NORTH** 1,199,893.5 **EAST** 635,470.0 **LOGGED BY** CZH **DATE** 3-30-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 520 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						SS, Granitic, Fine to Crs, Sub Ang
						Andesitic Volcanics Gry Brn to Purple Brn

MINERALS EXPLORATION CO.

CASPER, WYOMING

HOLE NO. AM-502

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50CPS/IN.
COUNTY	Yavapai STATE Ariz.	PROBE TYPE	Scint.
GP. 1,199,893.5N-635,470.0E ELEV. 1790		K-FACTOR	5.7×10^{-8}
SEC.	TWP. RGE.	DEAD TIME	7.14 μsec
		TIME CONSTANT	1
		PROBE DIA.	1¾"
DATE	3/30/77	CALIPER	
DEPTH DRILLED	515'	DIRECTIONAL SURVEY	
DEPTH LOGGED	515'	TEMPERATURE	
FOOTAGE LOGGED	515	OPERATOR	Hudson
HOLE DIAMETER	5" To 515'	DRILLER	FRED
WATER FACTOR		CONTRACTOR	Roberts
RESISTIVITY	OHMS/INCH	LAST A.E.C. PIT RUN	
SELF POTENTIAL	M.V./IN.	FLUID LEVEL	NONE

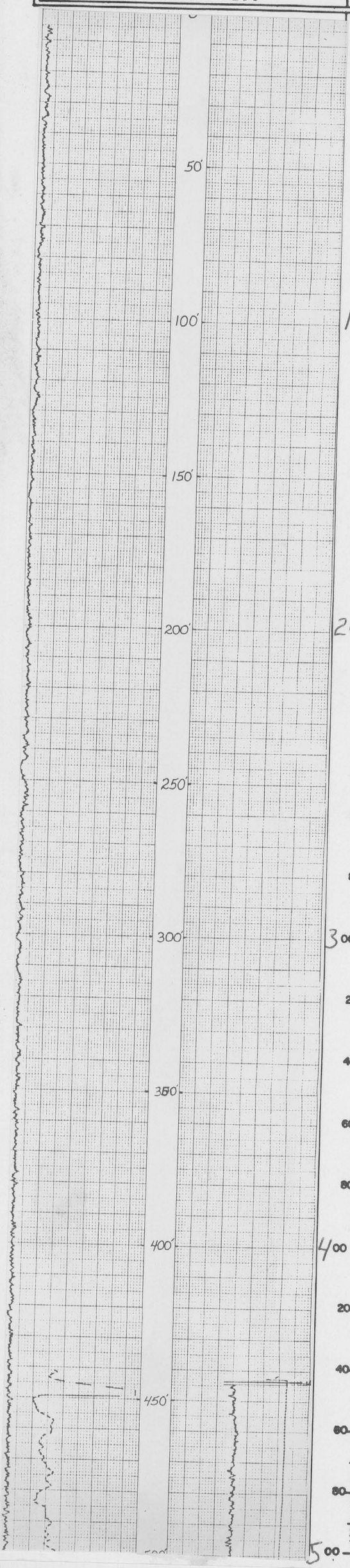
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	REMARKS:
BOTTOM				
TOP				
TOTAL FEET				
SCALE RUN				

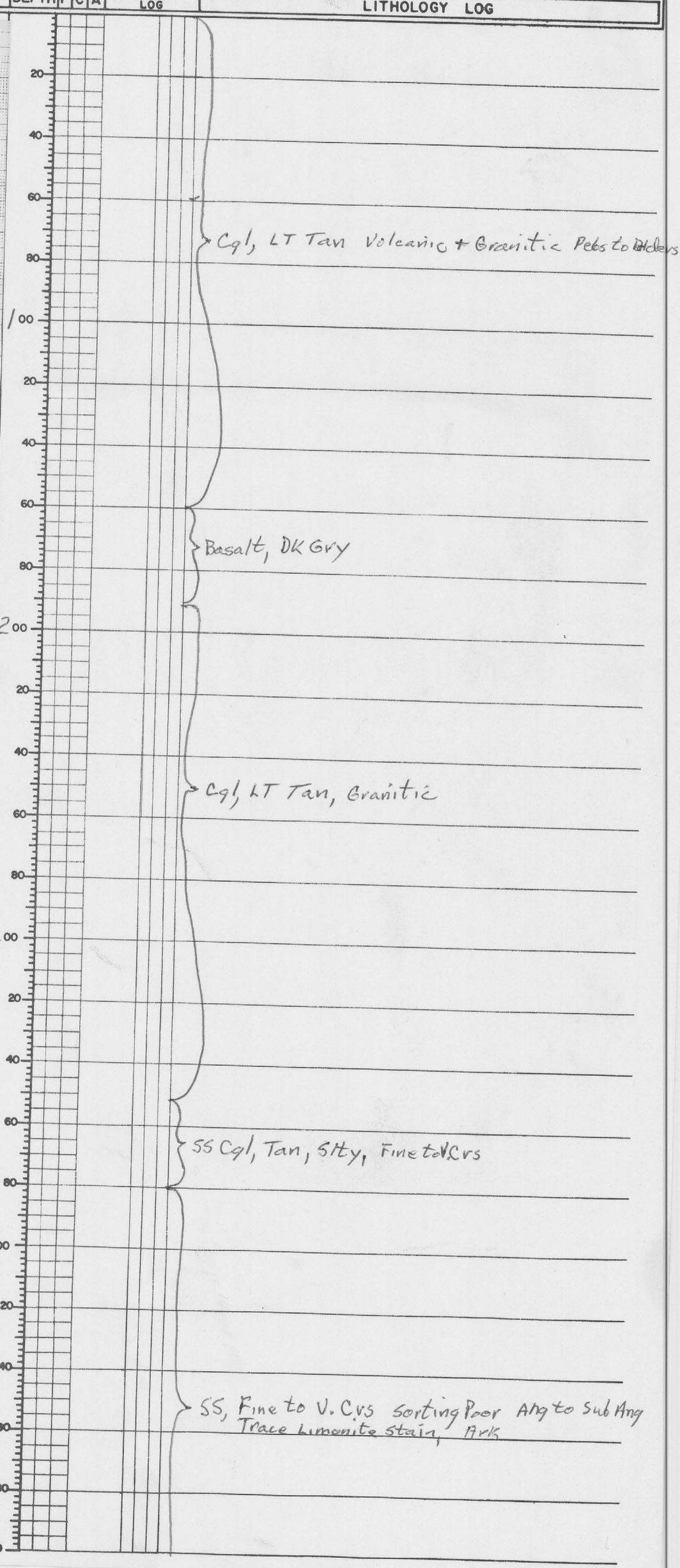
PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM503

ELEVATION 1893 **NORTH** 1,200,230.9 **EAST** 634,479.8 **LOGGED BY** CZH **DATE** 3-29-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 815 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



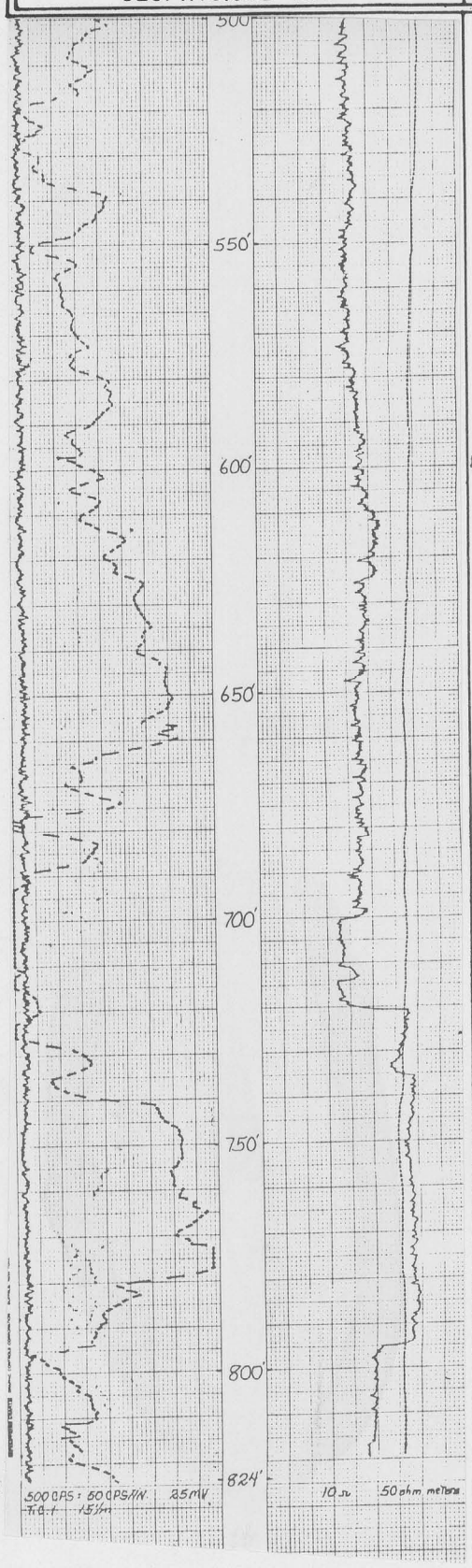


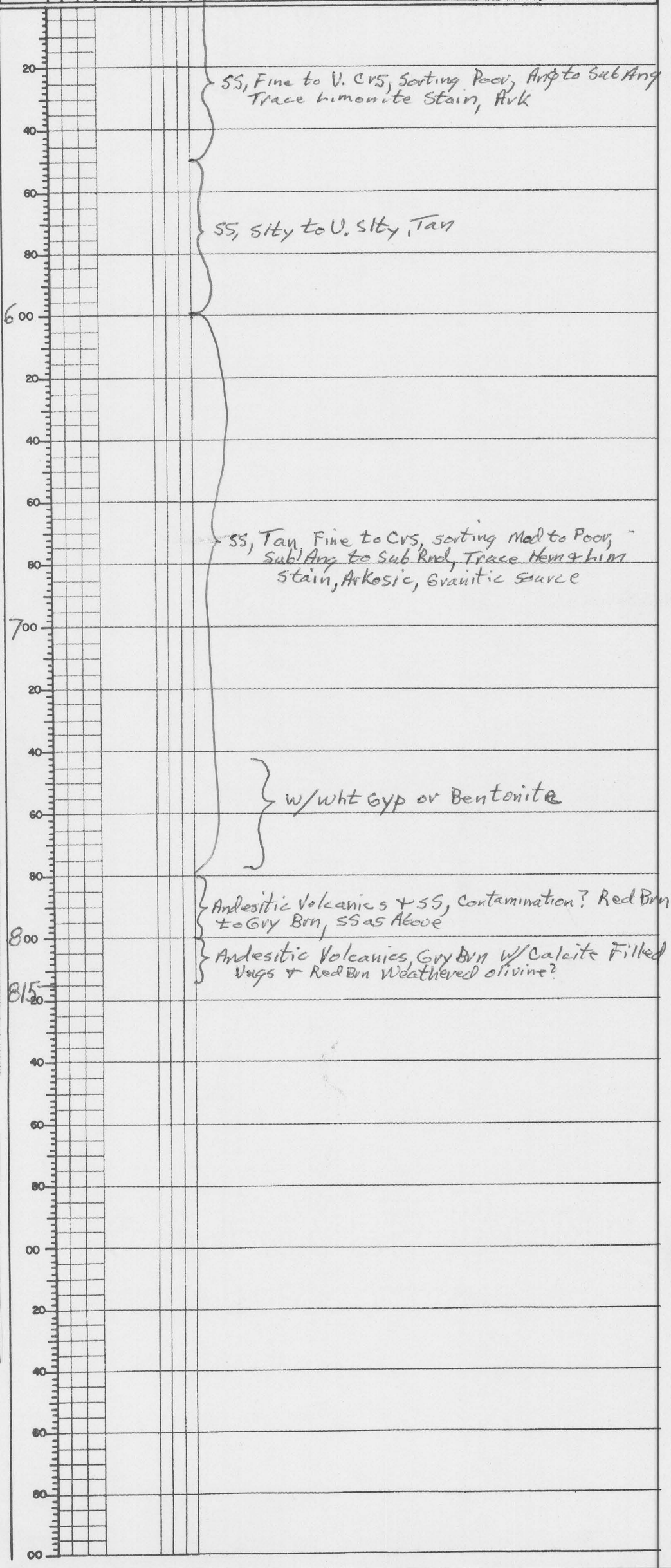
PROJECT Anderson Mine **HOLE SIZE** ____ ☐ AIR ☑ WATER **HOLE NO.** AM503

ELEVATION 1893 **NORTH** 1,200,230.9 **EAST** 634,479.8 **LOGGED BY** C ZH **DATE** 3-29-77

SECTION ____ **TOWNSHIP** ____ **RANGE** ____ **T.D.** 815 **P.D.** ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG





SS, Fine to V. Crs, Sorting Poor, Ang to Sub Ang Trace Limonite Stain, Ark

SS, Slty to V. Slty, Tan

SS, Tan Fine to Crs, sorting Mod to Poor, Sub Ang to Sub Rnd, Trace Hem & Lim Stain, Arkosic, Granitic Source

w/wht Gyp or Bentonite

Andesitic Volcanics + SS, Contamination? Red Brn to Gry Brn, SS as Above

Andesitic Volcanics, Gry Brn w/Calcite Filled Vugs + Red Brn Weathered olivine?

MINERALS EXPLORATION CO.

CASPER, WYOMING — HOLE NO. AM-503

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50CPS/IN.
COUNTY	yavapai STATE ARIZ.	PROBE TYPE	SCINT.
GP. 1,200,230.9N-634,479.8E	ELEV. 1893	K-FACTOR	$5.7 \cdot 10^{-5}$
		DEAD TIME	7.14 μ sec.
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1⅝"
DATE	3/29/77	CALIPER	
DEPTH DRILLED	815'	DIRECTIONAL SURVEY	
DEPTH LOGGED	824'	TEMPERATURE	
FOOTAGE LOGGED	824'	OPERATOR	Hudson
HOLE DIAMETER	5⅝" to 824'	DRILLER	Darwin
WATER FACTOR		CONTRACTOR	Roberts
RESISTIVITY	10 OHMS/~~REC~~ 50 ohm meters	LAST A.E.C. PIT RUN	
SELF POTENTIAL	25 M.V./IN.	FLUID LEVEL	

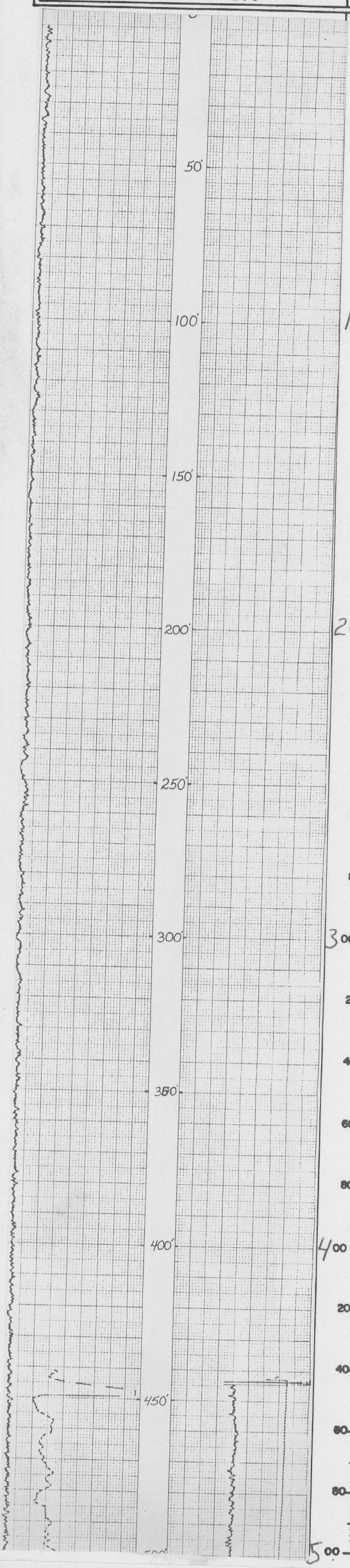
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	REMARKS:
BOTTOM				
TOP				
TOTAL FEET				
SCALE RUN				

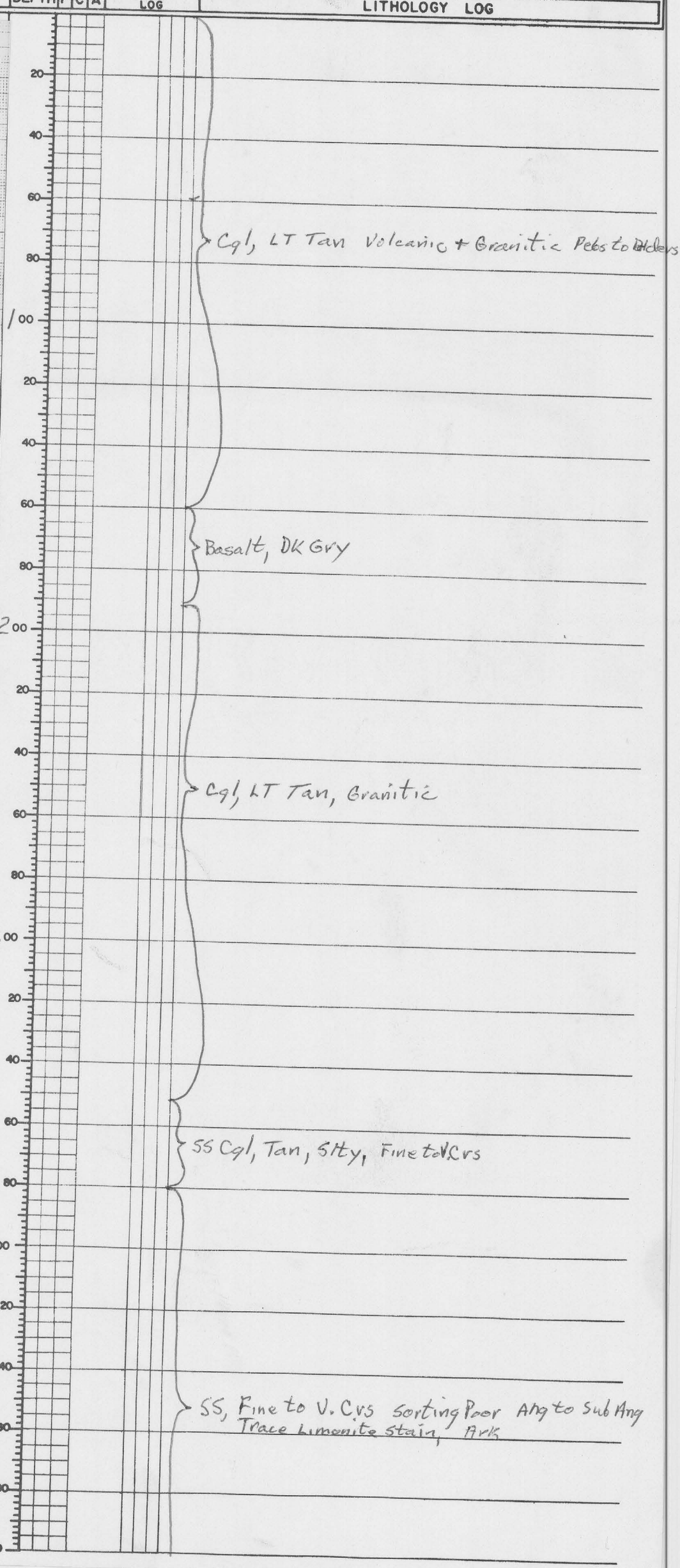
PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM503

ELEVATION 1893 **NORTH** 1,200,230.9 **EAST** 634,479.8 **LOGGED BY** CZH **DATE** 3-29-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 815 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



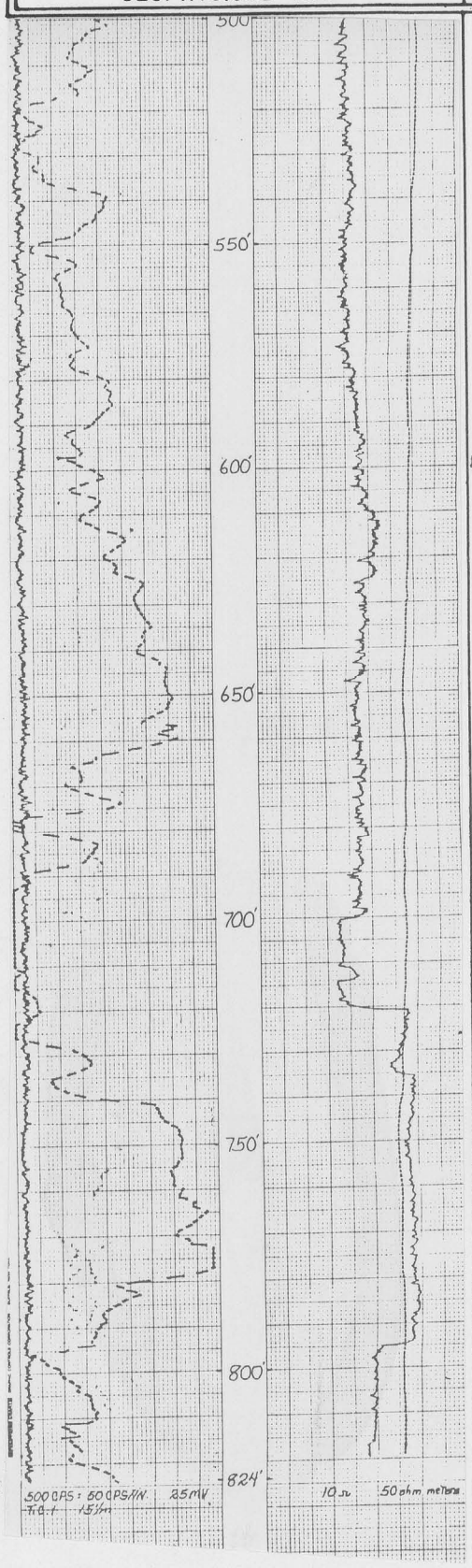


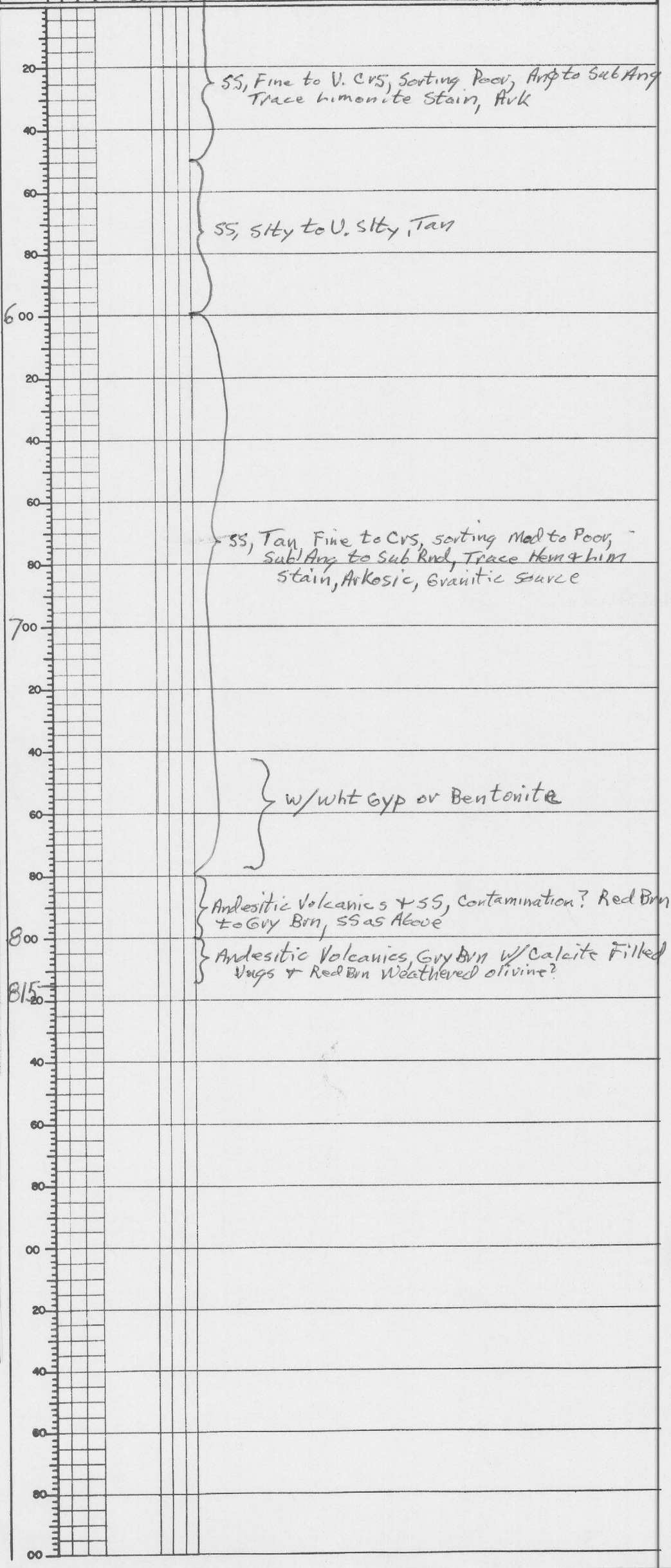
PROJECT Anderson Mine **HOLE SIZE** ____ ☐ AIR ☑ WATER **HOLE NO.** AM503

ELEVATION 1893 **NORTH** 1,200,230.9 **EAST** 634,479.8 **LOGGED BY** C ZH **DATE** 3-29-77

SECTION ____ **TOWNSHIP** ____ **RANGE** ____ **T.D.** 815 **P.D.** ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG





SS, Fine to V. Crs, Sorting Poor, Ang to Sub Ang Trace Limonite Stain, Ark

SS, Slty to V. Slty, Tan

SS, Tan Fine to Crs, sorting Mod to Poor, Sub Ang to Sub Rnd, Trace Hem & Lim Stain, Arkosic, Granitic Source

w/wht Gyp or Bentonite

Andesitic Volcanics + SS, Contamination? Red Brn to Gry Brn, SS as Above

Andesitic Volcanics, Gry Brn w/Calcite Filled Vugs + Red Brn Weathered olivine?

MINERALS EXPLORATION CO.

CASPER, WYOMING — HOLE NO. AM-503

LOCATION	ANDERSON MINE	GAMMA SCALE	500=50CPS/IN.
COUNTY	yavapai STATE ARIZ.	PROBE TYPE	SCINT.
GP. 1,200,230.9N-634,479.8E	ELEV. 1893	K-FACTOR	$5.7 \cdot 10^{-5}$
		DEAD TIME	7.14 μ sec.
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1⅝"
DATE	3/29/77	CALIPER	
DEPTH DRILLED	815'	DIRECTIONAL SURVEY	
DEPTH LOGGED	824'	TEMPERATURE	
FOOTAGE LOGGED	824'	OPERATOR	Hudson
HOLE DIAMETER	5⅝" to 824'	DRILLER	Darwin
WATER FACTOR		CONTRACTOR	Roberts
RESISTIVITY	10 OHMS/~~REC~~ 50 ohm meters	LAST A.E.C. PIT RUN	
SELF POTENTIAL	25 M.V./IN.	FLUID LEVEL	

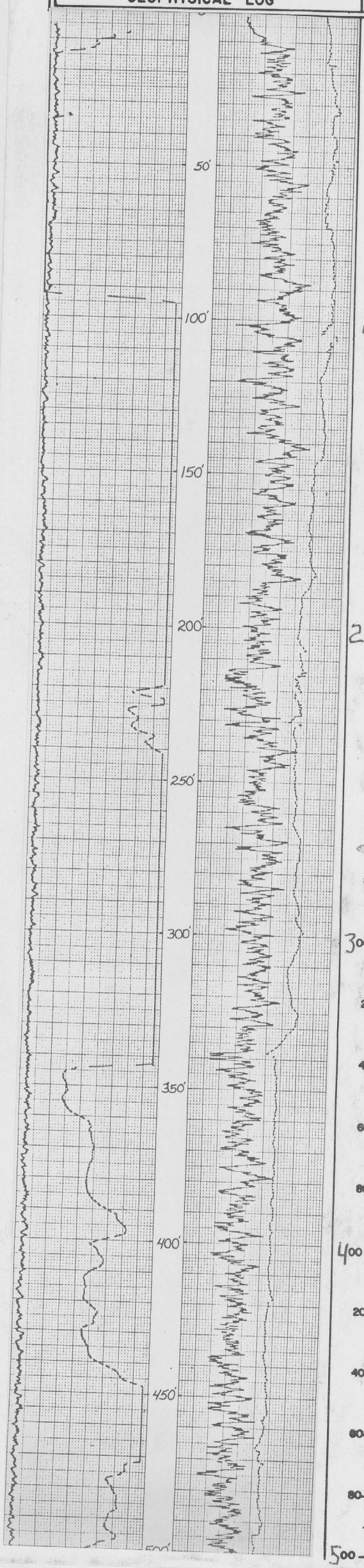
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN	REMARKS:
BOTTOM				
TOP				
TOTAL FEET				
SCALE RUN				

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM504

ELEVATION 1852 **NORTH** 1,198,955.9 **EAST** 635,388.9 **LOGGED BY** CZH **DATE** 3-30-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 1040 **P.D.** _____

Hole Making 80-100 GPM H_2O



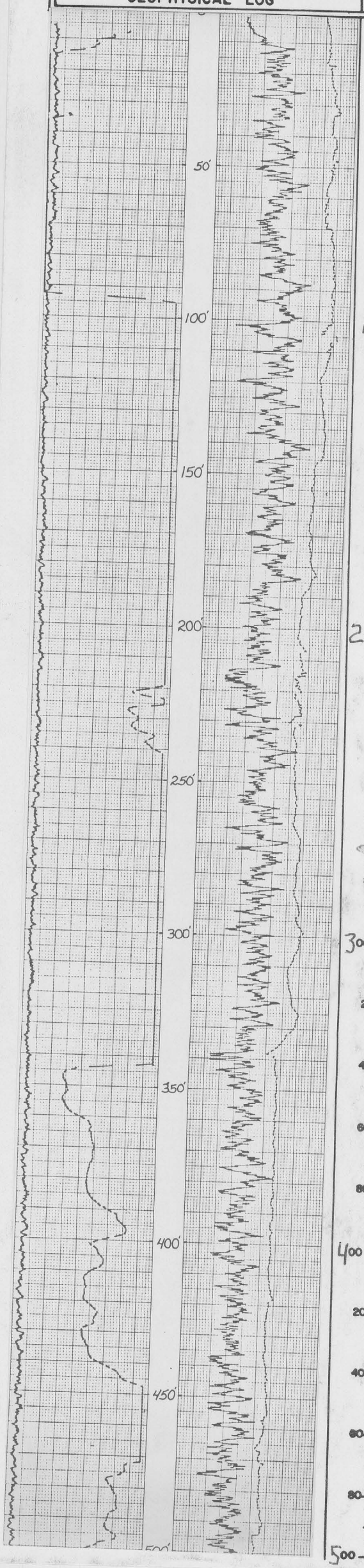
DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
20					
40					Cgl, Tan to Lt Tan, Volcanics + Granitic Frags
60					
80					Cgl, Brn to Red Brn, Abnt Volcanics
100					
20					Basalt + Volcanics, Dk Gry
40					
60					SS, Red Brn, Bake Zone, Slty Fine to Crs, Poor
80					
200					SS, Crs to Fine, Tan to Lt Tan, Granitic Slty Sub-Ang
20					
40					
60					
80					Sltst, Sndy to V. Sndy, Tan
300					
20					
40					
60					
80					
400					
20					Cgl, w/ Intbdd Brn Sltst, Granitic, Tan to Brn, Fine to V. Crs, Sub Ang to Ang
40					
60					
80					
500					

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM504

ELEVATION 1852 **NORTH** 1,198,955.9 **EAST** 635,388.9 **LOGGED BY** CZH **DATE** 3-30-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 1040 **P.D.** _____

Hole Making 80-100 GPM H_2O



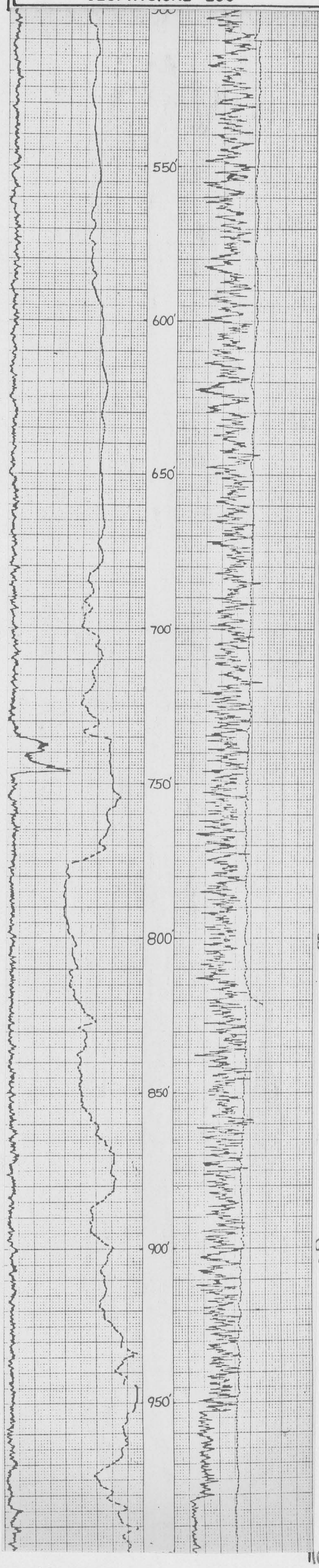
DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
20					
40					Cgl, Tan to Lt Tan, Volcanics + Granitic Frags
60					
80					Cgl, Brn to Red Brn, Abnt Volcanics
100					
20					Basalt + Volcanics, Dk Gry
40					
60					SS, Red Brn, Bake Zone, Slty Fine to Crs, Poor
80					
200					SS, Crs to Fine, Tan to Lt Tan, Granitic Slty Sub-Ang
20					
40					
60					
80					Sltst, Sndy to V. Sndy, Tan
300					
20					
40					
60					
80					
400					
20					Cgl, w/ Intbdd Brn Sltst, Granitic, Tan to Brn, Fine to V. Crs, Sub Ang to Ang
40					
60					
80					
500					

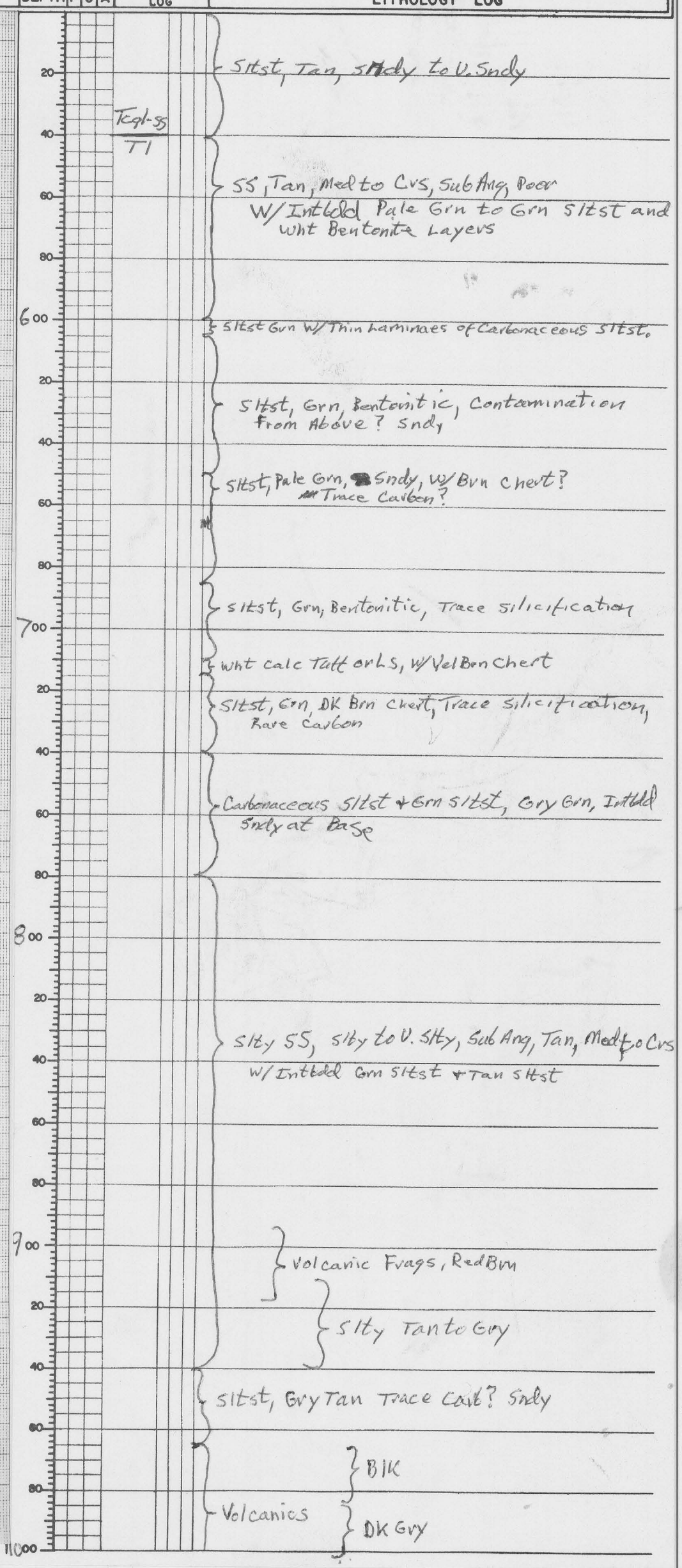
PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 504

ELEVATION 1852 **NORTH** 1,198,955.9 **EAST** 635,388.9 **LOGGED BY** C. Zh **DATE** 3-30-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 1040 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



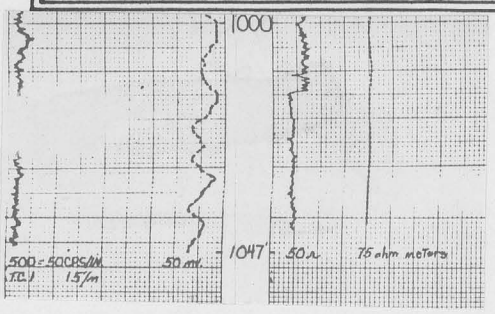


PROJECT Anderson Mine **HOLE SIZE** ____ ☐ AIR ☑ WATER **HOLE NO.** AM 504

ELEVATION 1852 **NORTH** 1,198,955.9 **EAST** 635,388.9 **LOGGED BY** CZH **DATE** 3-30-77

SECTION ____ **TOWNSHIP** ____ **RANGE** ____ **T.D.** 1040 **P.D.** ____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



Volcanics W/Lt Grn to Pale Grn Mineral. Cu? — DK Gry; Red Brn Trace + Com DK Gry

MINERALS EXPLORATION CO.

CASPER, WYOMING

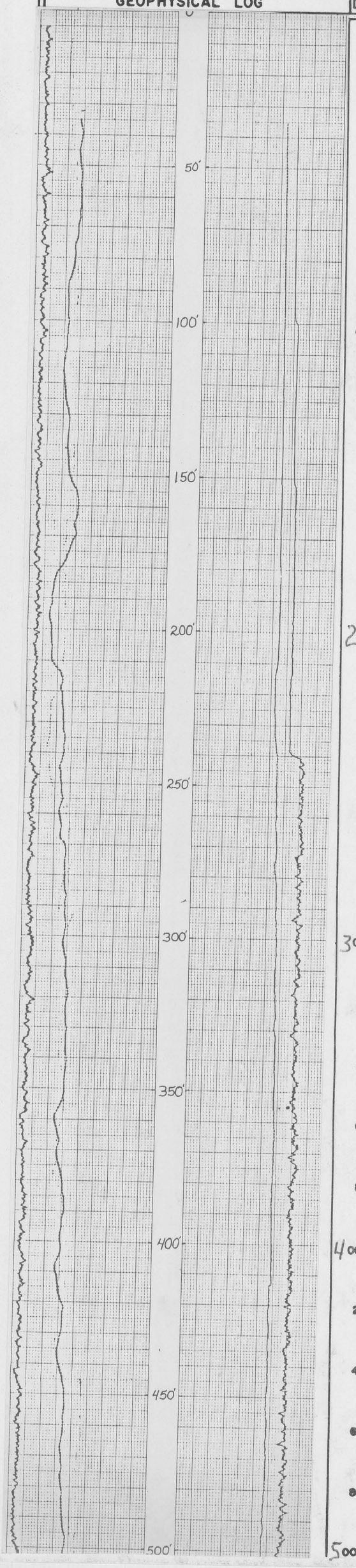
HOLE NO. AM-504

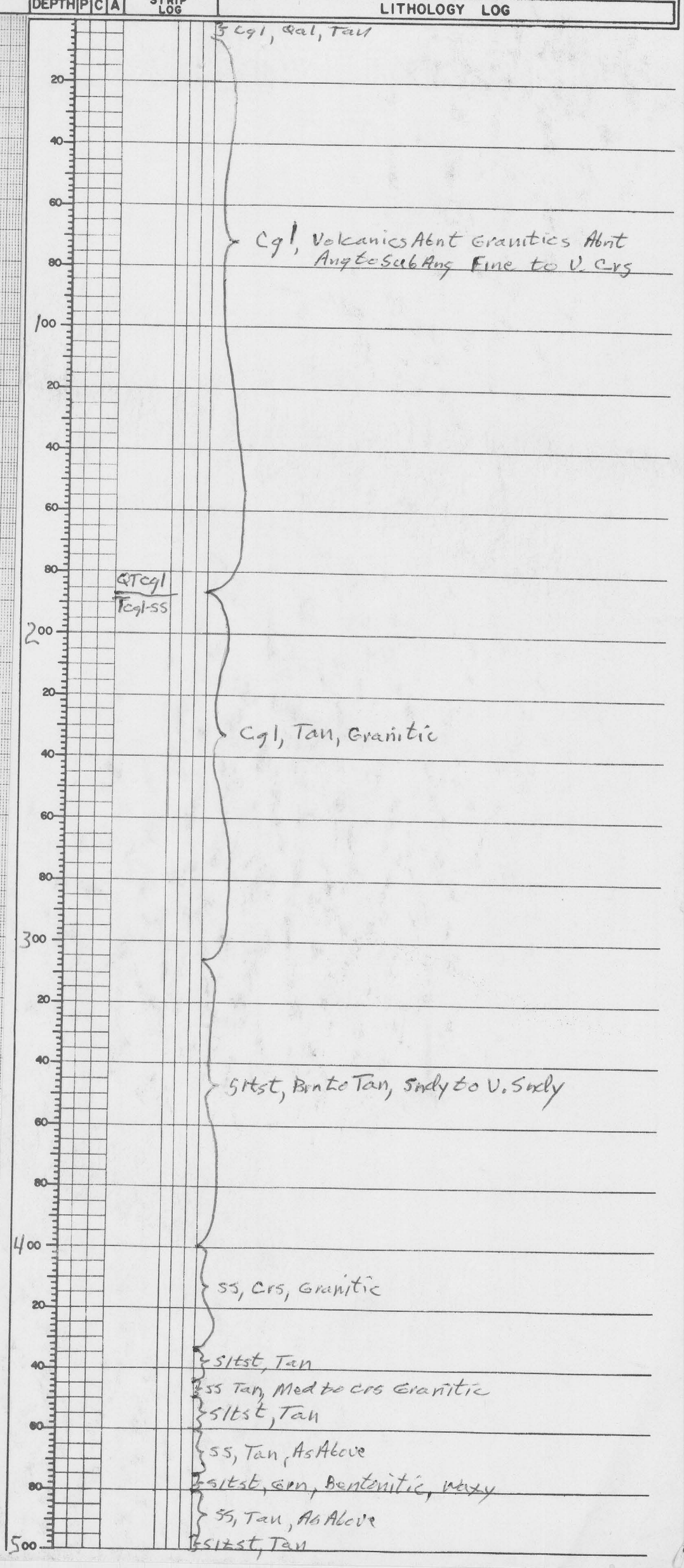
LOCATION	ANDERSON MINE	GAMMA SCALE	500=50CPS
COUNTY	Yavapai STATE ARIZ	PROBE TYPE	Scint.
GP. 1,198,955.9N-635,388.9E	ELEV. 1852	K-FACTOR	5.7×10^{-8}
		DEAD TIME	7.14 μ sec.
		TIME CONSTANT	1
SEC.	TWP. RGE.	PROBE DIA.	1⅝"
DATE	3/30/77	CALIPER	
DEPTH DRILLED	1040'	DIRECTIONAL SURVEY	
DEPTH LOGGED	1047'	TEMPERATURE	
FOOTAGE LOGGED	1047'	OPERATOR	Hudson
HOLE DIAMETER	5⅜" To 180' 5⅜" To 160' 5¼" To 965' 5⅛" To 1040'	DRILLER	Frank
WATER FACTOR		CONTRACTOR	Roberts
RESISTIVITY	50 OHMS/MIN 75 ohm meters	LAST A.E.C. PIT RUN	
SELF POTENTIAL	50 M.V./IN.	FLUID LEVEL	
RUNS	1ST. RUN 2ND. RUN 3RD. RUN	REMARKS:	
BOTTOM			
TOP			
TOTAL FEET			

PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 505

ELEVATION 1906 **NORTH** 1,198,416.0 **EAST** 636,388.8 **LOGGED BY** C Zell **DATE** 3-31-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 800 **P.D.** _____





PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 505

ELEVATION 1906 **NORTH** 1,198,416.0 **EAST** 636,388.8 **LOGGED BY** C.R.H. **DATE** 3-31-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 800 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
						SS, Tan, As Above
	20					Sltst, Tan W/ Wht Calc Tuff w/ Mn stain
	40					SS, Tan Fine to Med, Sub Ang, Ark
550'	60					Sltst Tan Grn to Grn, Silicified
600'	600					Sltst (Grn) + Silicified Sltst, Gry Grn w/ Yel Brn Chert, Thin Intbdd Wht Calc Tuff Vrls
	20					
	40					
650'	60					Carbonaceous Sltst Gry Grn to Gry w/ Thin Intbdd Lignitic Layers, Silicified, Calcareous
	80					
700'	700					Sltst, Grn Tan, Bentonitic, Sndy
	20					
	40					
750'	60					Sltst, Tan, Bentonitic
	80					Andesitic Volcanics, Red Brn to Gry
800'	800					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					

500 = 50 MV/cm 1.C.1 15/m 800 MV 100 Ω 75 ohm meters 828'

MINERALS EXPLORATION CO.

ASPER, WYOMING

LOCATION	ANDERSON MINE	HOLE NO.	AM-505
COUNTY	Yavapai STATE Ariz.	GAMMA SCALE	500=50 CPS/1
COORD.	1198,416.0N-636,388.8E ELEV. 1906	PROBE TYPE	Scint.
SEC.	TWP. RGE.	K-FACTOR	5.7×10^{-8}
DATE	3/31/77	DEAD TIME	7.14 μ sec.
DEPTH DRILLED	800'	TIME CONSTANT	1
DEPTH LOGGED	828'	PROBE DIA.	1 5/8"
FOOTAGE LOGGED		CALIPER	
HOLE DIAMETER	5 3/4" To 400' 5 1/4" To 800'	DIRECTIONAL SURVEY	
WATER FACTOR		TEMPERATURE	
RESISTIVITY	100 OHMS/MMHO 75 ohm meters	OPERATOR	Hudson
SELF POTENTIAL	50 M.V./cm	DRILLER	Frank
RERUNS	1ST. RUN / 2ND. RUN / 3RD. RUN	CONTRACTOR	Roberts
BOTTOM		LAST A.E.C. PIT RUN	
TOP		FLUID LEVEL	
TOTAL PIPE		REMARKS:	

1/3

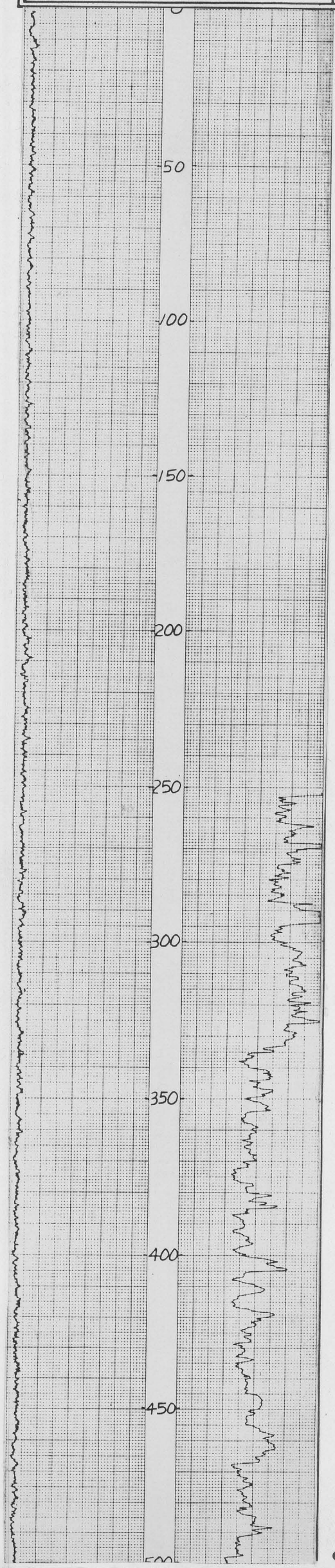
PROJECT _____ HOLE SIZE _____ ☐ AIR ☒ WATER HOLE NO. 506

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 12 MAR 78

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 1320 P.D. _____

HARRIS MINERALS 61

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



0-205 PINK CONGLOMERATE

205-220 PINK SANDY SILT

220-240 PINK V.V.C. SAND W ABUNDANT BASALT

240-300 BASALT W V. A. SAND CONTAMINATION ?

300-335 PINK V.C. SAND

335-355 BUFF M-FINE SAND LIMONITE?

355-400 BUFF SANDY SILT

400-460 TAN CLAYS

460-490 BUFF M-V.C. SAND W SOME SHALE

490-610 BUFF SHALE

610-700 GREEN SILT

2/3

PROJECT _____ HOLE SIZE 5 ☐ AIR ☒ WATER HOLE NO. AM 506

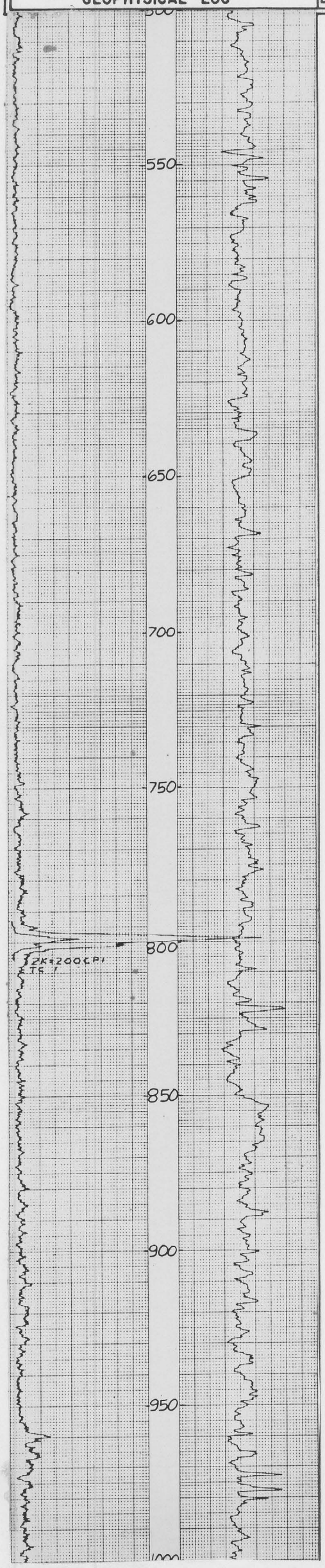
ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 17 MAR 78

SECTION 16 TOWNSHIP 11N RANGE 10W T.D. 1320 P.D. _____

MINERALS #61 - HARRIS

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG

PAGE 2 OF 2



700-760 BUFF SILT

760-805 BLUEISH GRAY SILT

805-820 BLACK LIGNITIC SHALE

820-900 BUFF SILT

900-925 M-V.F. BROWN SAND

925-1000 BUFF SILT

1000-1120 BUFF SILT W/ SOME BLUE-GRAY CLAYS

1120-1300 REDDISH BROWN SANDS W/ MUCH VOLCANICS VOL. INCREASE W/ DEPTH

1300-1320 ANDESITE

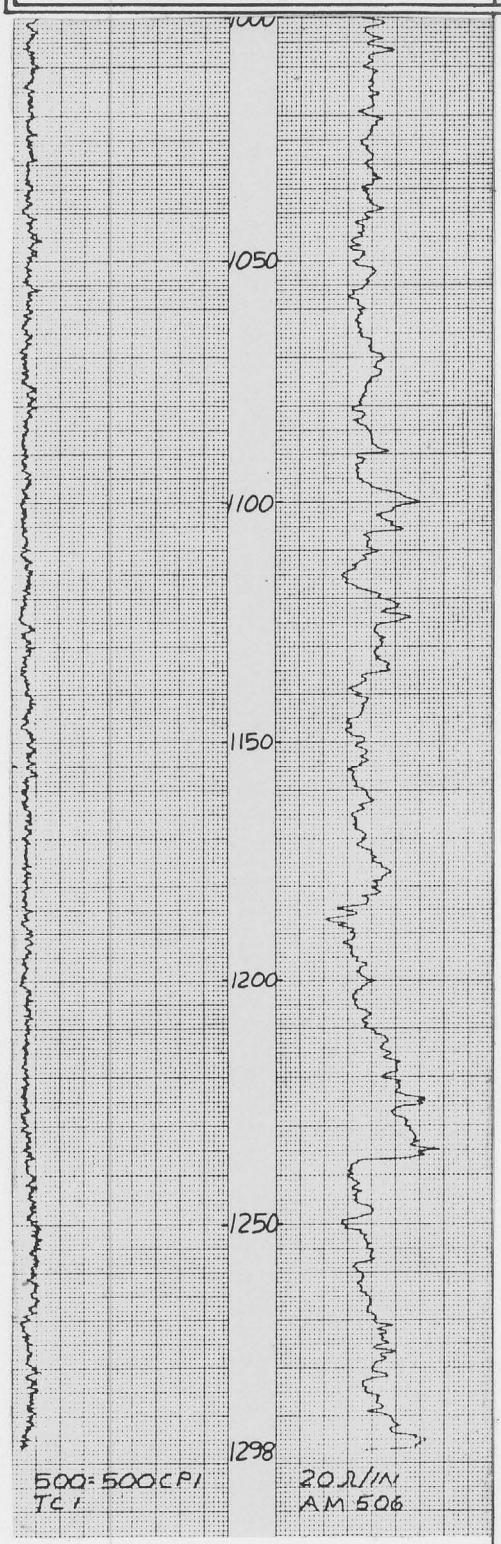
3/3

PROJECT _____ HOLE SIZE _____ ☐ AIR ☐ WATER HOLE NO. 506

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY _____ DATE _____

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. _____ P.D. _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



DEPTH: 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00, 20, 40, 60, 80, 00

MINERALS EXPLORATION CO. CASPER, WYOMING

AREA ANDERSON MINE		
GRID POINT	ELEVATION	HOLE NO. AM 506
COUNTY YAVAPAI	STATE AZ	~~GAMMA GAMMA DENSITY~~
SEC.	TWP.	RGE.

BOREHOLE DATA		LOG DATA	
DATE	3-12-78	TOTAL DEPTH LOGGED	1298 FT
DRILLER	SIM/HARRIS	TOTAL FOOTAGE LOGGED	1310 FT
DRILLER DEPTH	1320 FT	LOG SPEED	20 FT MIN
BIT SIZE	5/8 IN	LOG SCALE 500=50 CPS IN	TC 1
FLUID LEVEL	252 FT	DETECTOR TYPE SCINT	DETECTOR SIZE
CSG		DECENTRALIZED	CENTRALIZED
		SOURCE TYPE	SOURCE SIZE
REMARKS A: 6005 S	RERUN	TRK NO	
DI: 7 Lus	BOT 809	OPERATOR ERICKSON	
	TOP 791		
	TOT 12		
	2A		

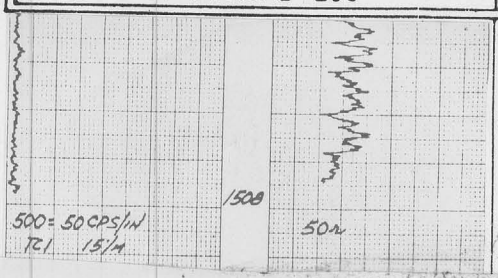
PROJECT ANDERSON MINE HOLE SIZE _____ ☐ AIR ☒ WATER HOLE NO. AM 507

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 20 APRIL 77

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 1520 P.D. 1508

PAGE 4 OF 4

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	1500					1495-1520 BLACK VOLCANICS
	15 20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					
	20					
	40					
	60					
	80					
	00					



MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSEN MINE	HOLE NO.	AM 507
COUNTY	YAVAPAI	STATE ARIZONA	
GP.	T19N R7W G&SRM	ELEV. 2011	
SEC.	TWP.	RGE.	
DATE	4-19-77		
DEPTH DRILLED	1520		
DEPTH LOGGED	1508		
FOOTAGE LOGGED	1508		
HOLE DIAMETER	6 3/8 TO 800	5 5/8 TO 1520	
WATER FACTOR			
RESISTIVITY	50	OHMS/INCH	
SELF POTENTIAL	-	MV./IN.	
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM			
TOP			
TOTAL FEET			
SCALE RUN			

GAMMA SCALE	500 = 50 CPS/IN
PROBE TYPE	SCINT.
K-FACTOR	5.70 X 10-5
DEAD TIME	7.18 μ
TIME CONSTANT	1
PROBE DIA.	1 5/8
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	KATTERLING
DRILLER	KENT DARWIN
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	

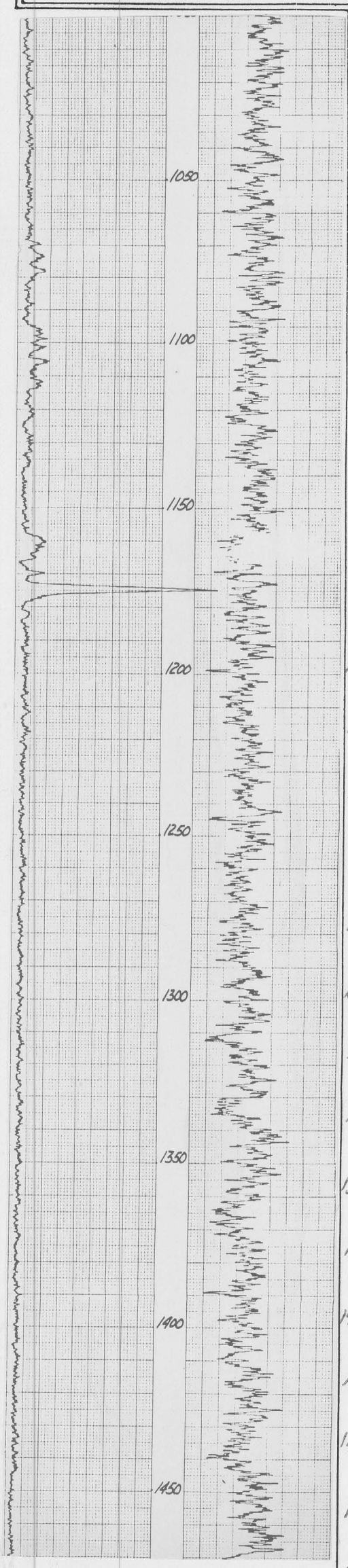
PROJECT ANDERSON MINE HOLE SIZE _____ ☒ AIR ☒ WATER HOLE NO. AM 507

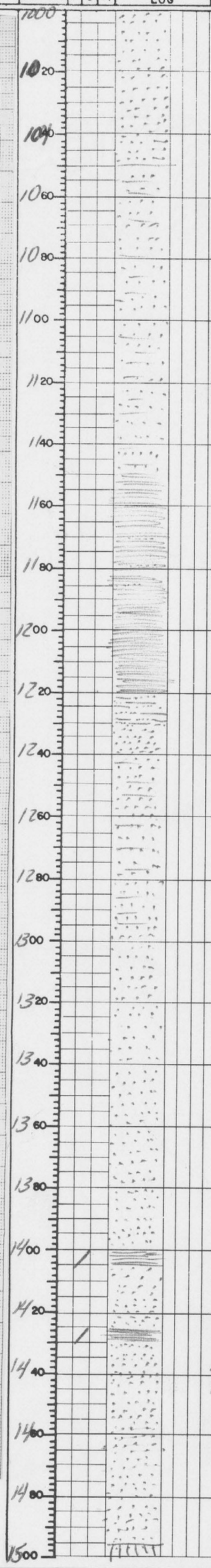
ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 19 APRIL 77

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 1520 P.D. 1508

PAGE 3 OF 4

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG





1050-1150 BROWN TO TAN, VF SILTY SAND. MED PORO. WATER BEARING

1150-1220 SILTY CLAY

1220-1230 V.F. SILTY SAND

1230-1240 M-SAND. WELL SORT. HIGH PORO.

1240-1300 V.F.-M SAND. SILTY. M. PORO. WATER BEARING

1300-1400 BROWN, V.C.-M SAND. NOT SILTY OR ARGILLACEOUS, V. HIGH POROSITY. WATER BEARING

1400-1405 GRNISH TAN SILTSTONE W/ SOME CARBON

1405-1425 SAND SIMILAR TO 1300-1400

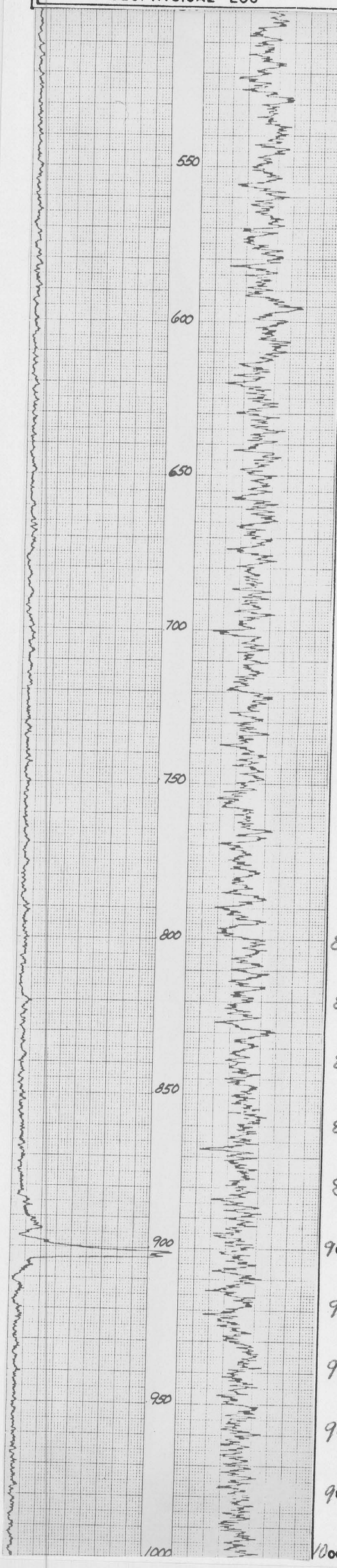
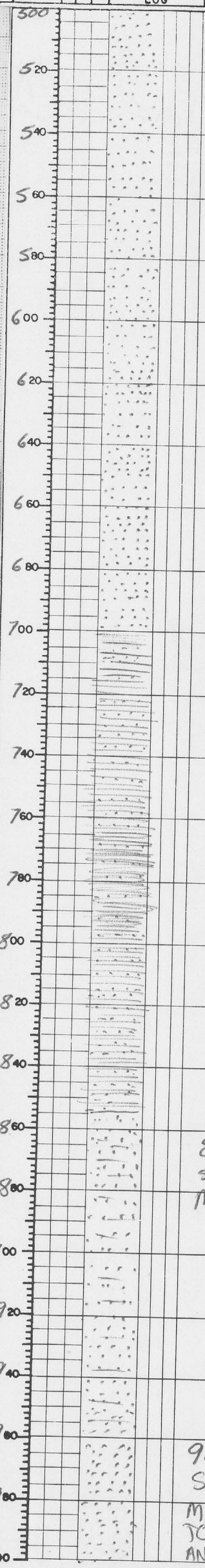
1425-1430 GRNISH SILTSTON W/ CARBON

1430-1495 V.C.-M. SAND. V. HIGH POROSITY.

PROJECT ANDERSON MINE HOLE SIZE 7 3/4 ☐ AIR ☒ WATER HOLE NO. AM 507

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 19 APRIL 77

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 1520 P.D. 1508

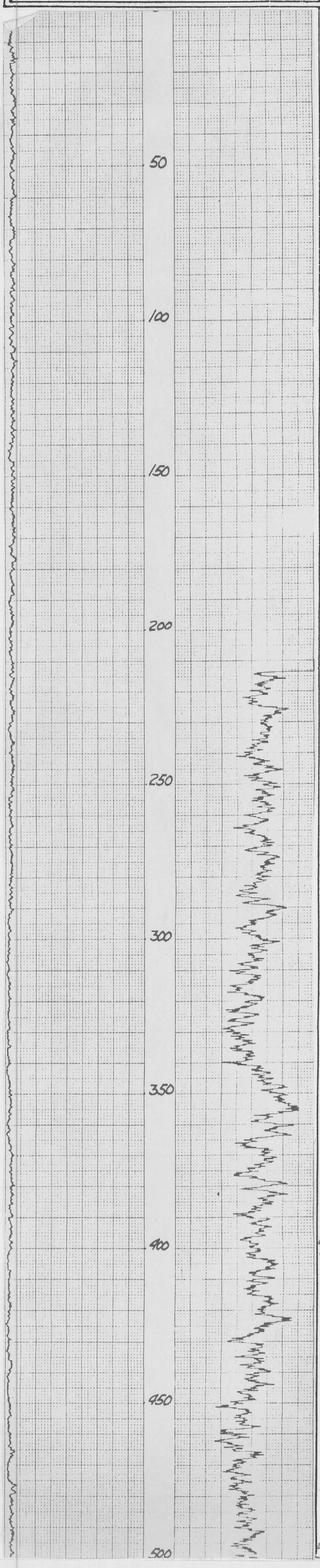
GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG
	500					485- 700 BROWN-BLACK MOTTLED V.C. SAND TO 1/4" GRAVEL (MOSTLY V.C. SAND) MED TO WELL SORTED, NOT SILTY NOT ARGILLACEOUS, HIGH POROSITY SAND. WATER BEARING GRAINS ARE SUBANGULAR TO ANGULAR AND CONSIST OF BASALT AND GRANITIC FRAGMENTS.
	520					
	540					
550	560					
	580					
600	600					
	620					
	640					
650	660					
	680					
700	700					700- 855 V.F. SAND TO SILT - BUFF COLORED SANDY SILT. MEDIUM TO WELL SORTED, MEDIUM TO LOW POROSITY.
	720					
	740					
750	760					
	780					
800	800					
	820					
	840					
850	860					855- 960 BRN, V.F. - MED SILTY SAND. POORLY SORTED, NOT ARGILLACEOUS MEDIUM POROSITY. WATER BEARING
	880					
900	900					
	920					
	940					
950	960					960- 1050 BRN, V.C. - MEDIUM SAND. MEDIUM TO HIGH POROSITY MEDIUM TO WELL SORTED, SKEWED TOWARD COARSE, GRAINS ARE ANGUAR TO SUBANGULAR, GRANITIC.
	980					
1000	1000					

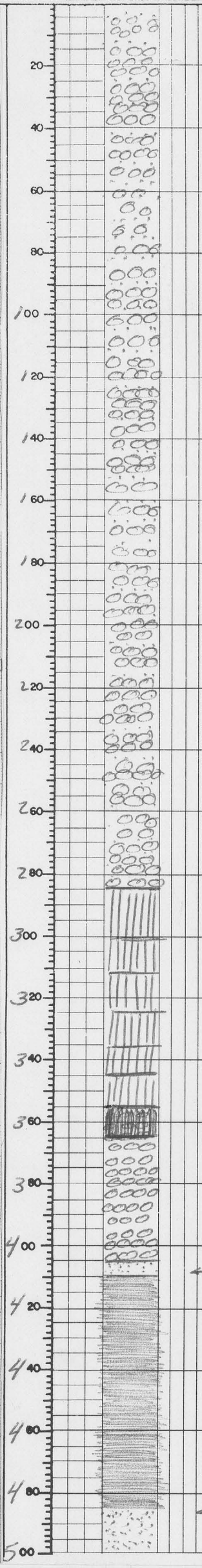
PROJECT ANDERSON MINE HOLE SIZE 7 3/4 ☒ AIR ☐ WATER HOLE NO. AM 507

ELEVATION _____ NORTH _____ EAST _____ LOGGED BY LUCHT DATE 19 APRIL 77

SECTION _____ TOWNSHIP _____ RANGE _____ T.D. 1520 P.D. 1508

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG





0-285 1/2" GRAVEL TO V.C. SAND. MOTTLED BLACK-BROWN-TAN. POORLY SORTED, VERY CLEAN; HIGH POROSITY. GRAINS ARE ANGULAR TO SUBANGULAR AND CONSIST OF A MIXTURE OF VOLCANIC AND GRANITIC FRAGMENTS. GRAIN SIZE IS SLIGHTLY SMALLER IN THE FIRST 120'. THROUGHOUT THE SECTION THE SIZE IS SKEWED TOWARD THE COARSE. ENTIRE SECTION IS ABOVE THE STATIC WATER TABLE.

285-365 BLACK BASALT VERY ABUNDANT CALCITE FRACTURE FILLING

~~365~~ 365-405 1/4" GRAVEL TO V.C SAND. RUSTY RED TO TAN (BAKED ZONE) VERY HIGH POROSITY

← V.C. - M. SAND, TAN

410-485 WHITE SILTSTONE. ABOVE WATER TABLE

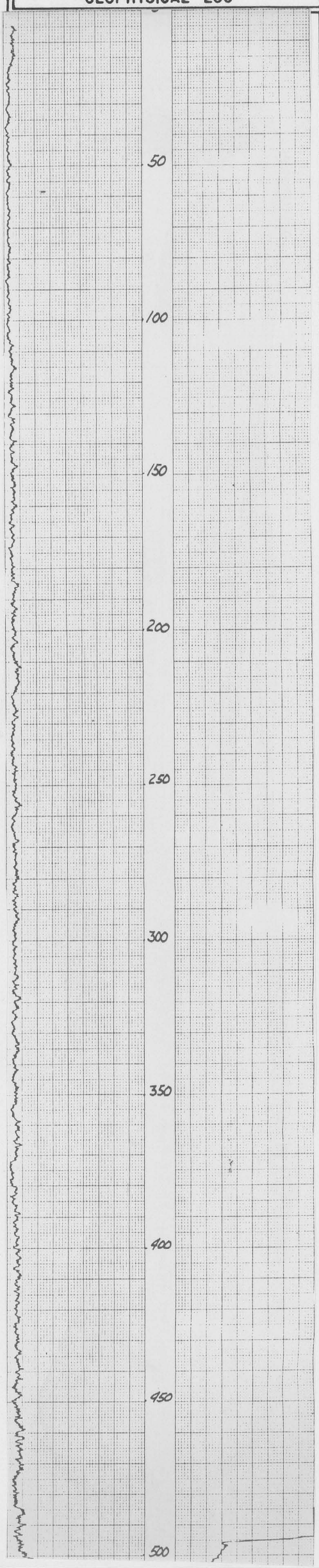
← WATER TABLE

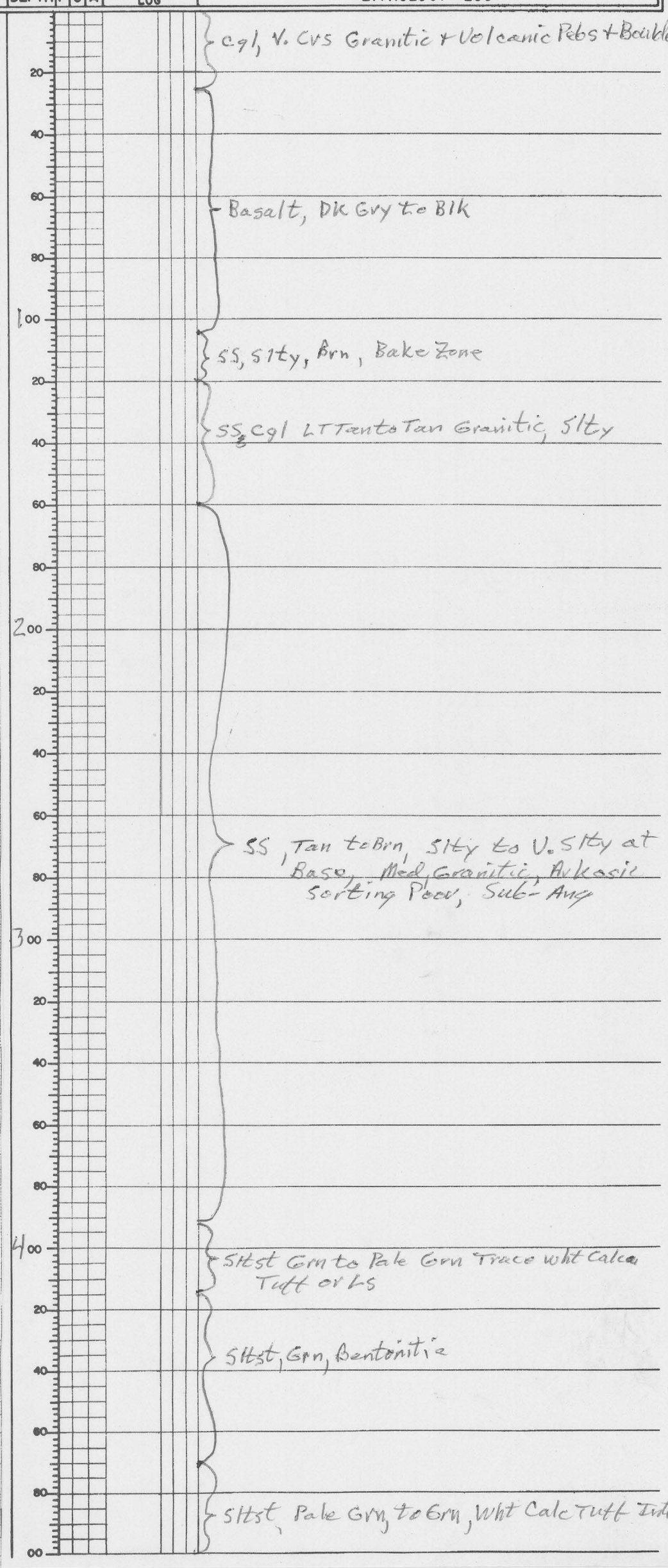
PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM 510

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** C. H. **DATE** 4-17-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** _____ **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



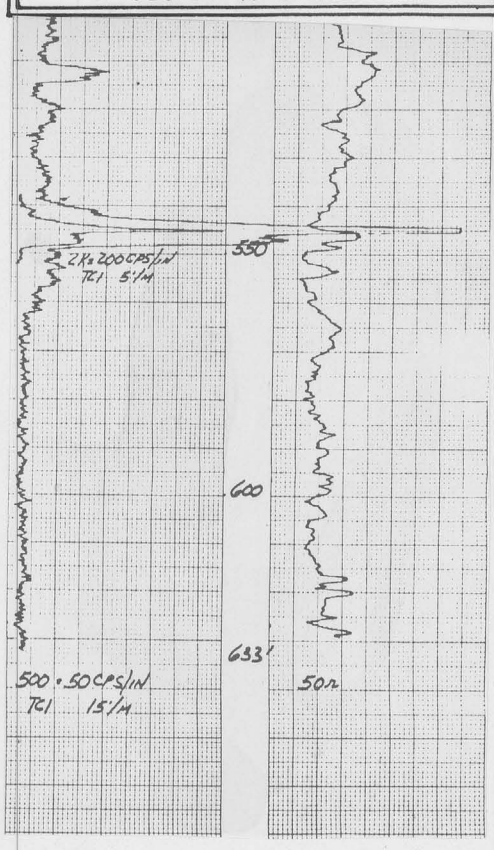


PROJECT Anderson Mine **HOLE SIZE** _____ ☐ AIR ☑ WATER **HOLE NO.** AM510

ELEVATION _____ **NORTH** _____ **EAST** _____ **LOGGED BY** CZH **DATE** 4-17-77

SECTION _____ **TOWNSHIP** _____ **RANGE** _____ **T.D.** 720 **P.D.** _____

GEOPHYSICAL LOG	DEPTH	P	C	A	STRIP LOG	LITHOLOGY LOG



20 — Siltst, Grn, Silicified w/ Grn Sub Chert

40

60 — Silicified Siltst, Grn to Gry Grn, w/ Intbdd Lignitic Layers, Yel Grn Mineral, Wht Calc Tuff or Ls

80

600 — SS, Tan to Red Tan at Base, Med to Crs, Sub Ang, Sorting Poor, Arkosic, w/ Thin Intbdd Grn

20

40

60 — SS, As Above, only Red, Hem Stain

80 — Intbdd Grn Siltst & Tan SS, med to crs, Sub Ang, Poor, Arkosic

700

720 — Siltst Red w/ Red Brn Weathered Andesitic Volcanic Frags

40

60

80

00

20

40

60

80

00

20

40

60

80

00

20

40

60

80

00

MINERALS EXPLORATION CO.

CASPER, WYOMING

LOCATION	ANDERSEN MINE		
COUNTY	YAVAPAI	STATE	ARIZONA
GP.	1,300 FSL 7 FEL 634, 818 OC	ELEV.	1991
SEC.	TWP.	RGE.	
DATE	4-17-77		
DEPTH DRILLED	720		
DEPTH LOGGED	633		
FOOTAGE LOGGED	648		
HOLE DIAMETER	5 5/8		
WATER FACTOR	1.22		
RESISTIVITY	50 OHMS/INCH		
SELF POTENTIAL	- M.V./IN.		
RERUNS	1ST. RUN	2ND. RUN	3RD. RUN
BOTTOM	552		
TOP	537		
TOTAL FEET	15		
SCALE RUN	2X=200CPS/IN		

HOLE NO.	AM 510
GAMMA SCALE	500=50CPS/in
PROBE TYPE	SCINT
K FACTOR	5.70 X10-5
DEAD TIME	7.18μ
TIME CONSTANT	1
PROBE DIA.	1.5"
CALIPER	
DIRECTIONAL SURVEY	
TEMPERATURE	
OPERATOR	Patterson
DRILLER	Jim
CONTRACTOR	UNIVERSAL
LAST A.E.C. PIT RUN	
FLUID LEVEL	
REMARKS:	